

FLORIDA STATE LIBRARY

EIGHTH  
BIENNIAL REPORT

*of the*

STATE ROAD  
DEPARTMENT

*of the*

STATE OF FLORIDA



FOR THE PERIOD  
BEGINNING JANUARY 1, 1929  
AND  
ENDING DECEMBER 31, 1930

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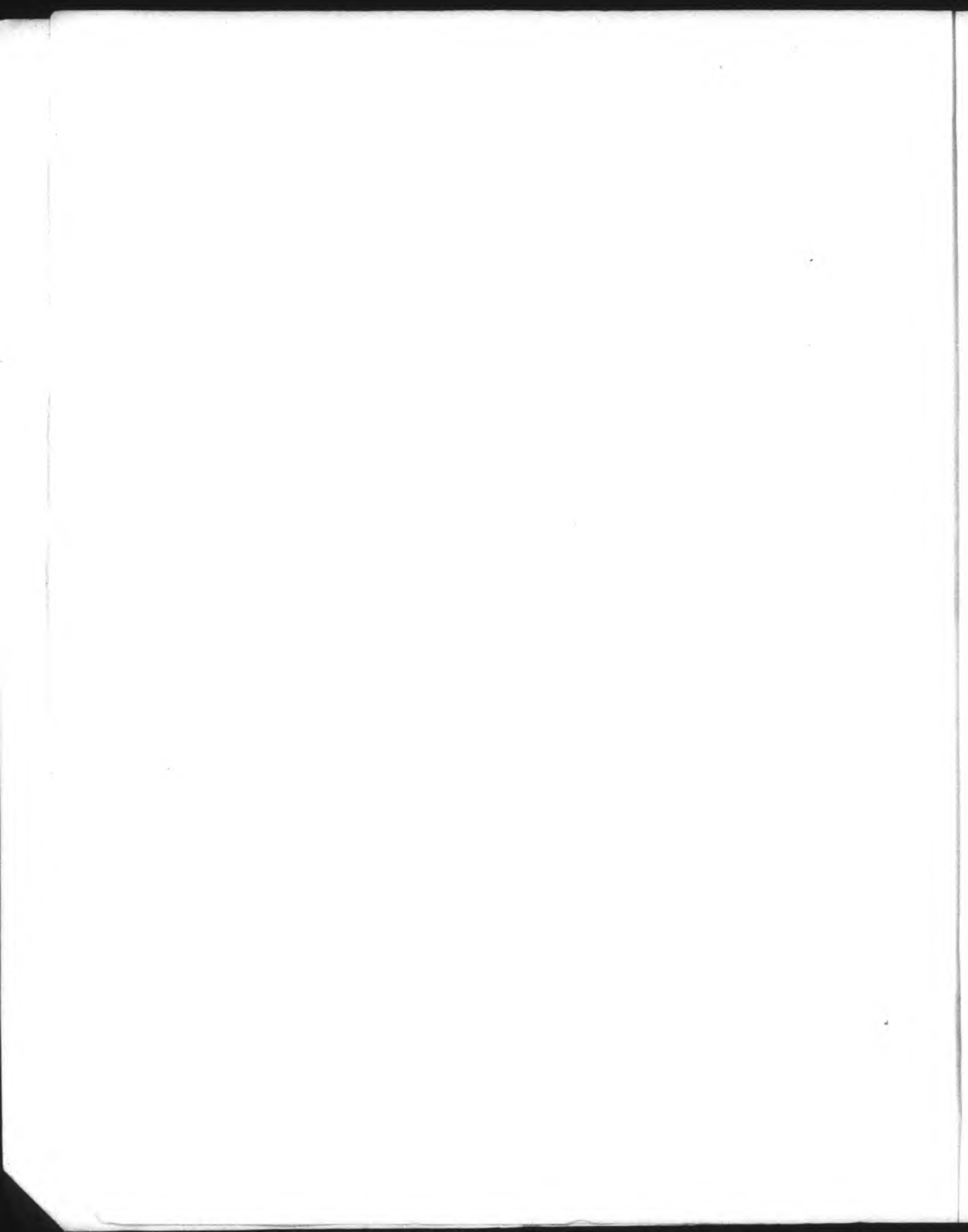
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## PERSONNEL OF DEPARTMENT

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W. A. SHANDS

GEO. B. HILLS

E. R. GRAHAM

MALLIE MARTIN

KARL ROESH, *Secretary*

B. A. MEGINNISS, *Attorney*

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## PERSONNEL OF EMPLOYEES IN GENERAL CHARGE OF THE WORK OF THE DEPARTMENT

### ENGINEERING DIVISION

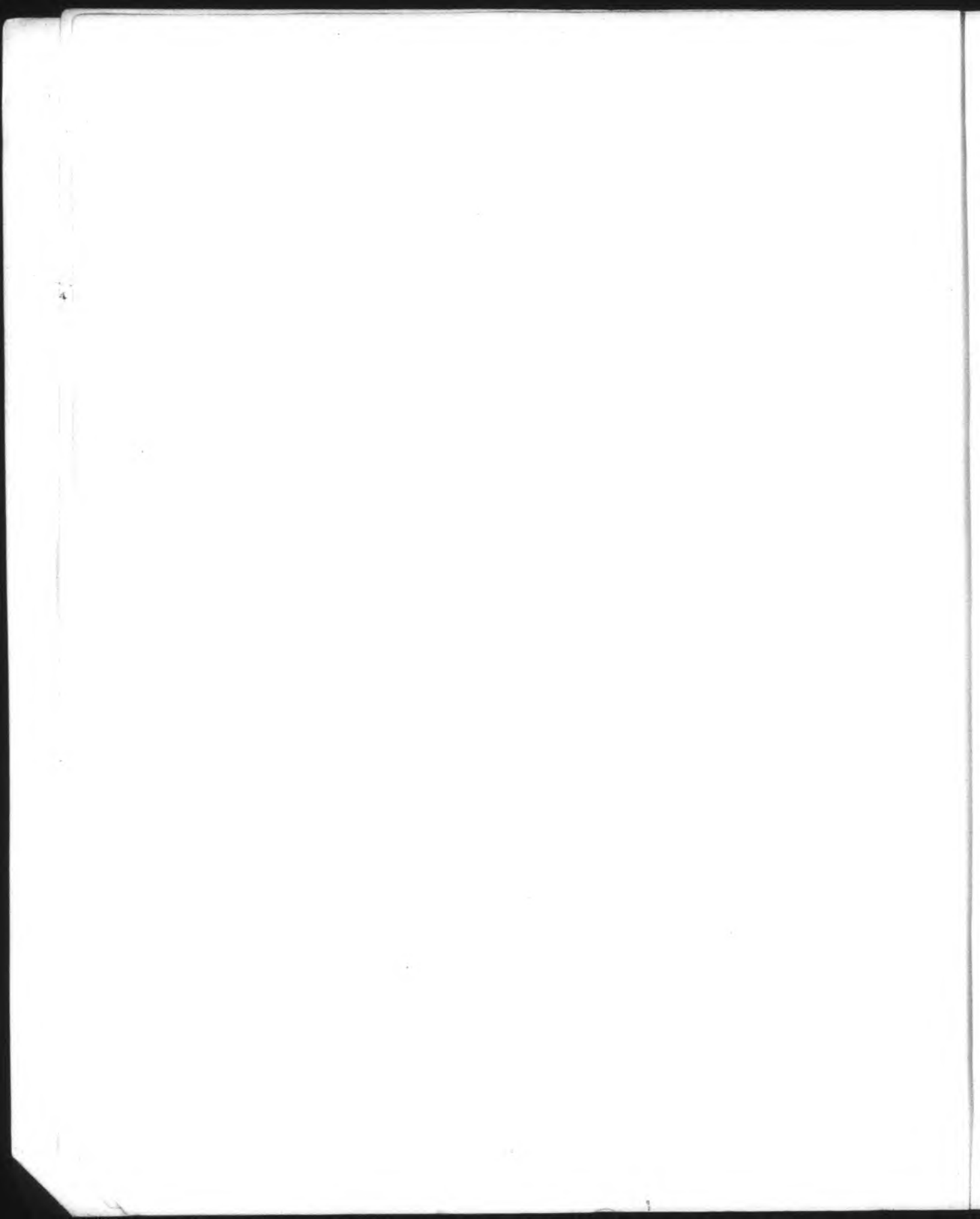
B. M. DUNCAN . . . . .	State Highway Engineer
L. K. CANNON . . . . .	Assistant State Highway Engineer
W. I. NOLEN . . . . .	Bridge Engineer
F. W. BERRY, JR. . . . .	Office Engineer
H. C. WEATHERS . . . . .	Testing Engineer
E. K. FOGG . . . . .	Division Engineer First Division
M. P. PHILIPS . . . . .	Division Engineer Second Division
R. L. BOW . . . . .	Division Engineer Third Division
LEON B. THRASHER . . . . .	Division Engineer Fourth Division
R. K. VAN CAMP . . . . .	Division Engineer Fifth Division
W. L. THORPE . . . . .	Superintendent of Equipment

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FRANK E. HARRISON . . . . .	Traffic Manager

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CHAS. D. SNEAD . . . . .	District Engineer
H. J. MORRISON . . . . .	Senior Highway Engineer
E. R. EPPERSON . . . . .	Associate Highway Engineer



LETTER OF TRANSMITTAL

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HON. DOYLE E. CARLTON, *Governor*,  
State Capitol,  
Tallahassee, Florida.

MY DEAR GOVERNOR:

In compliance with requirement of the Statutes there is herewith submitted the biennial report of the State Road Department of Florida covering the period 1929-30. In making up this report special care has been taken to show by written statement and tabulations in detail the activities of the Department during the two-year period.

Considerable progress has been made during the past two years in construction of roads and bridges on the State Highway System. Enactment by the Legislature of 1929 of a law reducing the Department's income from the tax on gasoline by one-third, which reduction amounts to approximately two and a quarter million dollars per year, naturally has lessened the ability of the Department to construct highways.

You will note by this report that the mileage of roads now being maintained by the Department is close to 5,000 miles, having increased considerably over two years ago. Much of this new mileage is of roads constructed by the counties out of their own means, and in taking over such roads for maintenance, the State Road Department has considerably lessened the burden of the counties.

Sincerely yours,

ROBERT W. BENTLEY,  
*Chairman.*

RWB/w

## THE STATE ROAD SYSTEM

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The following is a list of the State Roads that have been designated by the Legislature from the 1923 Session through the 1929 Session. The Session of 1927 authorized the Department to number the various roads to give them numerical sequence, this was done by appropriate action of the Department.

In the list of Roads which follows we have indicated the status of each Road as to its Construction Status. The present law confines the Road Department to the Construction of the First and Second Preferential Systems, before any money for construction can be spent on other State Roads; when these two are complete the System marked Third is next to be constructed.

Road No. 1—First System.—Extending from the Alabama state line at Nunez Ferry to Jacksonville, passing through Pensacola, Milton, Crestview, DeFuniak Springs, Bonifay, Chipley, Marianna, Chattahoochee, Quincy, by or near Havana, Tallahassee, Monticello, Greenville, Madison, Live Oak, Lake City, Sanderson, Macclenny and Baldwin.

Road No. 2—First System.—Extending from the Georgia state line north of Jennings to Fort Myers, via Jasper, White Springs, Lake City, High Springs, Gainesville, Ocala, Leesburg, Lisbon, Grand Island, Eustis, Mt. Dora, Plymouth, Apopka, Orlando, Kissimmee, Haines City, Bartow, Arcadia, and Olga Bridge; also from Leesburg to Lakeland, via Mascotte, Groveland, Buck Hill, Polk City, Foxtown to Lakeland; also from Silver Lake Forks, about four miles east of Leesburg, Lake county, via Tavares, to Mt. Dora, to be built with county funds and with Federal Aid.

Road No. 3—First System.—Extending from the Georgia state line at a point on the St. Mary's river known as Wild's Landing, to Orlando, via Jacksonville, Orange Park, Green Cove Springs, Palatka, East Palatka, Crescent City, DeLand and Sanford.

Road No. 4—First System.—Extending from the Georgia state line south of Folkston to Miami, via Hilliard, Callahan, Jacksonville, St. Augustine, Bunnell, Daytona, Titusville, Fort Pierce, West Palm Beach and Fort Lauderdale.

Road 4-A—Extending from Miami to Key West via Key Largo.

Road No. 5—First System.—Extending from High Springs to Fort Myers, via Newberry, Archer, Williston, Dunnellon, Inverness, Brooksville, Lutz, Tampa, Riverview, Bradenton, Sarasota, Venice and Punta Gorda.

Road No. 5-A—Second System.—Is the extension from High Springs to Perry, via Fort White, Brandford and Mayo.

Road No. 6—First System.—Alabama state line to Marianna.—Extending from the Alabama state line south of Dothan to Port St. Joe, via Campbellton, Marianna, Altha, Blountstown, Scott's Ferry and Wewahitchka.

Road No. 7—First System.—From Pensacola to Alabama state line at Flomaton.

Road No. 8—First System.—Extending from Haines City to Fort Pierce, via Lake Wales, Frost-proof, Avon Park, Sebring, DeSoto City, Lake Annie and Okeechobee City.

Road No. 9—First System.—Georgia state line to Madison. Extending from the Georgia state line south of Quitman, via Madison to a point on Road No. 35, near Shady Grove.

Road No. 10—First System, Georgia state line to Tallahassee; Second System, Tallahassee to Milton.—Extending from the Georgia state line near Beachton to Pensacola, via Tallahassee, Woodville, Newport and as near St. Marks as practicable, and thence around the coast to Panacea Springs, St. Teresa, Lanark, also via Wakulla, Crawfordville, Sopchoppy, Carabelle, Apalachicola, Port St. Joe, Panama City, Bruce, Freeport, Portland, New Valparaiso, Camp Walton, and thence into State Road No. 1, at or near Milton, and thence over State Road No. 1, connecting with Pensacola.

Road No. 11—Second System.—Extending from a point on the Georgia state line south of Thomasville via Monticello to Capps.

Road No. 12—Third System.—Extending from a Georgia state line on the Bainbridge and Quincy road, via Greensboro, Bristol and to East Point.

Road No. 13—Second System (Baldwin to Gainesville, First System).—Extending from Cedar Key to Yulee in Nassau county, via Bronson, Gainesville, Starke, Baldwin, and Callahan; extending in an easterly direction from Yulee through Fernandina to the Atlantic Ocean, over and along that certain twelve-mile stretch of new concrete road just completed by Nassau County.

Road No. 14—First System.—Gainesville to Palatka. Extending from a point on Road No. 19, at the Suwannee River Bridge, near Old Town, to Hastings, on Road 4, via Trenton, Newberry, Gainesville and Palatka.

Road No. 15—Second System.—Extending from a point on Road No. 10 at or near Newport, thence southerly along the Gulf as near as practical to St. Petersburg, via or as near as practical to the mouths of the Steinhatchee and Suwannee rivers, Cedar Key, and as near as practical to the mouth of the Crystal River, Homosassa, Weekiwachee rivers, Aripeka, Hudson, New Port Richey, Tarpon Springs, Clearwater and Largo, and also from Brooksville to Aripeka, via Spring Hill.

Road No. 16.—Extending from Ocala to Road No. 5, via Dunnellon, thence to Crystal River.

Road No. 17—First System.—Tampa to Haines City. Extending from Haines City to Clearwater, via Lakeland, Plant City, Tampa and Oldsmar; also from Haines City eastward to a point intersecting Road No. 24 at Deer Park, in Osceola county.

Road No. 18.—Extending from Sarasota to Lake Annie, via Arcadia; and Road No. 18-A, extending from a point on Road No. 5, near Bradenton, via Oneco, intersection Road No. 18 at a point about thirty miles east of Sarasota.

Road No. 19—First System, Tallahassee-Ocala; Third System, Youngstown-Tallahassee.—Beginning at a point on Road No. 20 at or near Youngstown, thence via Blountstown, Bristol, Jackson Bluff, Tallahassee; leaving Tallahassee on the St. Augustine road, thence to or near Chaires, thence to Waukeenhah, Capps, Lamont, Perry, Cross City, Old Town, Chiefland, Bronson, Williston, Ocala, Astor, Barbourville and to the intersection of Volusia Avenue and Road No. 4 in Daytona Beach.

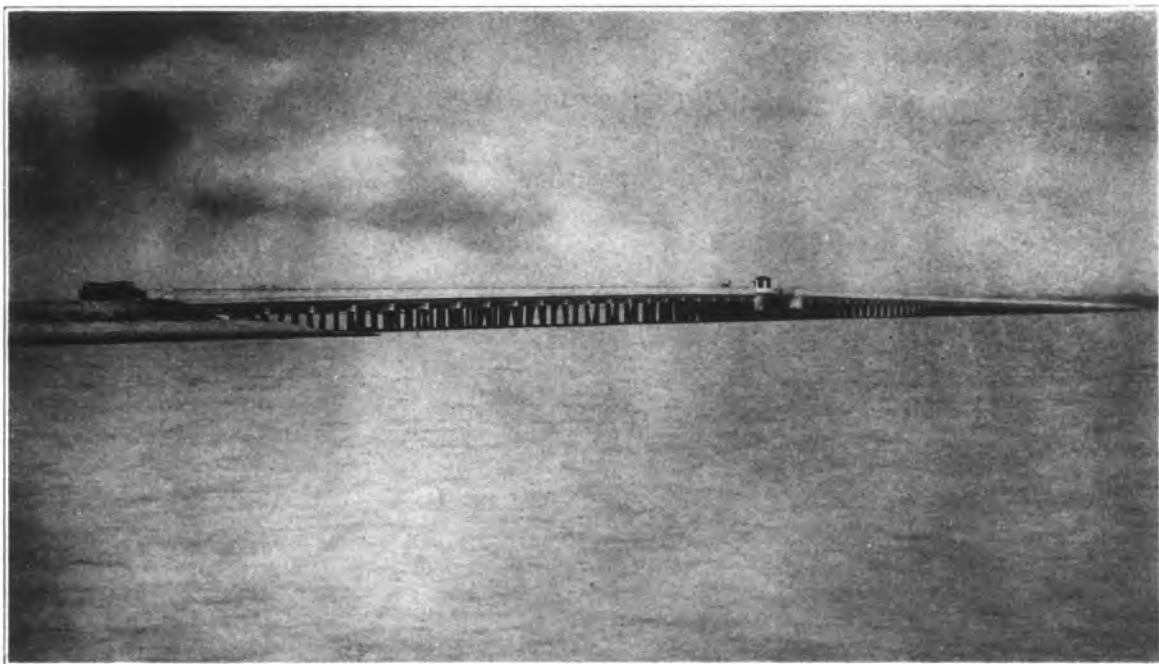
Road No. 20—Second System.—Extending from Cottondale to Panama City, via Round Lake, and from Cottondale north to connect with Road No. 6.

Road No. 21—First System, Daytona to DeLand.—Extending from Daytona Beach to DeLand, thence from DeLand to Eustis, via Crow's Bluff and Cassia.

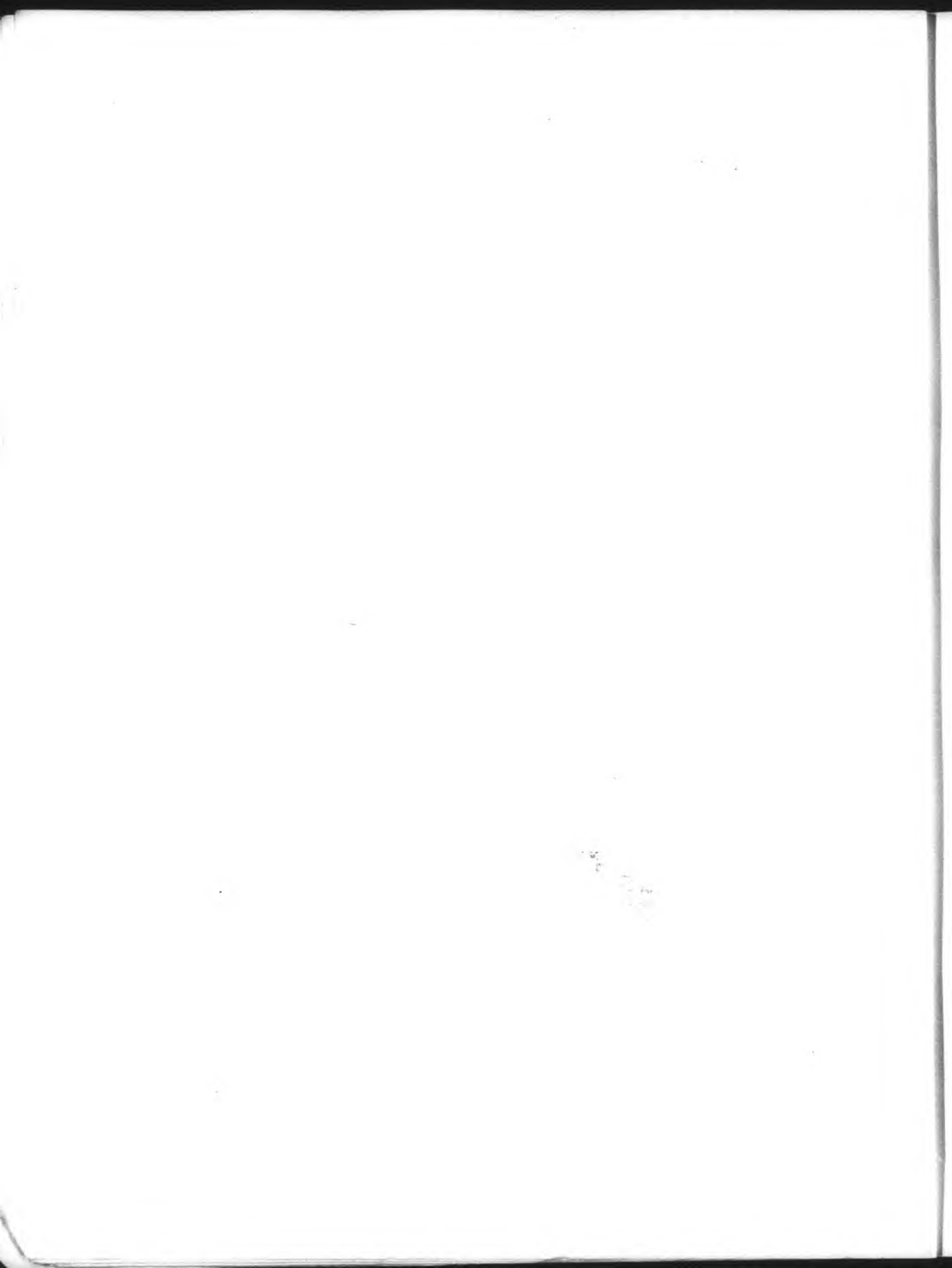
Road No. 22.—Extending from Orlando to Indian River City, via Ft. Christmas; also from Orlando to Crystal River, via Winter Garden, Clearmont, Mascotte, Groveland, Bushnell and Inverness.



Road 4, Rock Base Slag Surface Treated



Road 5, Edison Bridge Over Caloosahatchee River At Fort Myers





Road No. 23.—Third System in Hernando County.—Extending from Ocala to Palmetto via Bushnell, at or near Rerdel or Terrell, thence in a southerly direction west of the S. A. L. Railway tracks to the northern boundary of Pasco county, thence to Dade City and Plant City; also from Bushnell to Lakeland, via Webster, Tarrytown and making connection with State Road No. 17 at or near as practical the center of the SE $\frac{1}{4}$  of Sec. 14, Twp. 28, R. 23.

Road No. 24.—First System.—Extending from Kissimmee to Melbourne, via St. Cloud.

Road No. 25.—Extending from Olga Bridge to West Palm Beach, and thence easterly along line between Twp. 43-44 to State Road No. 140 in Palm Beach county.

Road No. 26.—Extending from Clewiston to a point on Road 25 where it intersects the North New River Canal, thence in a southeasterly course following the said North New River canal and the New river to Fort Lauderdale, also from Miami along the Miami canal to a point approximately south of where the North New River canal turns in an easterly direction, thence by two branches or arms, the one northerly to a point where the same intersects road along North New River canal and the other along the general course of the Miami canal to a point where same intersects Road No. 25.

Road No. 27.—First System.—Extending from Fort Myers to Miami.

Road No. 28.—First System, San Mateo-Bunnell; Second System, Lake City to Bunnell.—Extending from Lake City to Bunnell, via Palatka, Lulu, Lake Butler, Starke and Keystone Heights.

Road No. 29.—Beginning at a point on State Road No. 24, near Holopaw and extending south via Kenansville, Okeechobee, thence around the western shores of Lake Okeechobee to Moore Haven, also from Okeechobee to Jupiter, via Sherman and Indiantown, connecting with Road No. 4.

Road No. 30.—Also from Frostproof to Vero, via Dougherty Crossing and Yeehaw.

Road No. 31.—Road from Ocala to Waldo, via Citra, Island Grove and Hawthorne.

Road No. 32.—From Bradenton to Avon Park by way of Parrish, Fort Green and Wauchula; also an extension from Avon Park, eastward through Highlands county, Florida, over what is known as the Kissimmee River road, a distance of approximately twenty miles and then in a northerly direction through the most practical route to a point where the same will intersect State Road No. 30.

Road No. 33.—Extending from the Alabama State line south of Florala via Laurel Hill to a point on Road No. 1 at or near Crestview.

Road No. 34.—Extending from Brooksville to Dade City via Spring Lake and Blanton.

Road No. 35.—(Third System, Greenville-Taylor county).—Extending from the Georgia line through Asheville and Greenville to a point on Road No. 19.

Road No. 36.—Extending from Leesburg to Inverness via Wildwood and Rutland.

Road No. 37.—Extending from Alabama state line at Dixonville via Allentown to State Road No. 1 at Milton.

Road No. 38.—Extending from Road No. 2 at Weirsdale, east to Umatilla in Lake county, by way of Stark's Ferry.

Road No. 39.—Third System.—Extending from the Alabama state line, through Bonifay to Vernon and thence southerly to Phillips Inlet.

Road No. 40.—Extending from the Alabama state line, south of Florala, Alabama, to DeFuniak Springs, Florida, and thence southerly to Freeport, and to Choctawhatchee Bay on the west side of LeGrange Bayou.

Road No. 41.—From Milligan via Baker and Blackman to the Alabama state line.

Road No. 42.—Extending from a point on Road No. 1, north of Aucilla, through Aucilla to Lamont and to the Taylor county line, at or near Walker Springs.

Road No. 43.—Extending from a point on the Georgia line, southerly through Miccosukee to a point on Road No. 1 and over same easterly to a point north of Lloyd and thence south through Lloyd and Wacissa to the Gulf at or near the mouth of the Pinhook river.

Road No. 44.—Beginning at Mims and extending to Mt. Dora via Southmere, Geneva, Sanford and Sorrento.

Road No. 45.—Extending from State Road No. 19, ten miles east of Ocala in a northeast direction to Bruce, thence to Salt Springs, Norwalk and Welaka in Putnam county, Florida.

Road No. 46.—Extending from the Alabama state line near Flomaton, Alabama, to Baker, Florida, via Jay, Berrydale and Munson.

Road No. 47.—Second System.—Commencing at a point on Road No. 4, south of Goodby's Lake in Duval county, running thence southerly as near as practicable along the St. Johns river to a point on Road No. 14, thence to East Palatka.

Road No. 47-A.—Palatka to Ocala via Rodman, Orange Springs and Citra.

Road No. 48.—Extending from St. Augustine to Starke, via Green Cove Springs; and also beginning at the intersection of State Roads Nos. 48 and 13 in the town of Starke, Bradford county, Florida, and extending to State Road No. 49 by way of the Stockade and through the State Farm.

Road No. 49.—Extending from the Georgia state line approximately north of the Macclenny to Newberry via Macclenny, Manning, Sapp, Raiford, Lake Butler, Worthington Springs and Alachua.

Road No. 50, Suwannee River Scenic Highway—First System, Jasper to Live Oak.—Extending from Branford to Jasper, via Live Oak, crossing the Suwannee river at Branford and extending in a southerly direction via Old Town to intersect with State Road No. 19.

Road No. 51.—Extending from Orlando to Brooksville via Groveland, Riverland and Spring Lake.

Road No. 52.—Third System.—Extending from the Alabama state line north of Graceville, through Graceville and to the Washington county line north of Chipley, thence through Chipley to bridge across North Bay near Southport and extending from Graceville via Jacobs to connect with Road No. 6.

Road No. 53.—Third System.—Extending from Camp Walton along Santa Rosa Sound as near thereto as practicable to Town Point.

Road No. 54.—Extending from Crestview by way of Valparaiso to Camp Walton on Road No. 10.

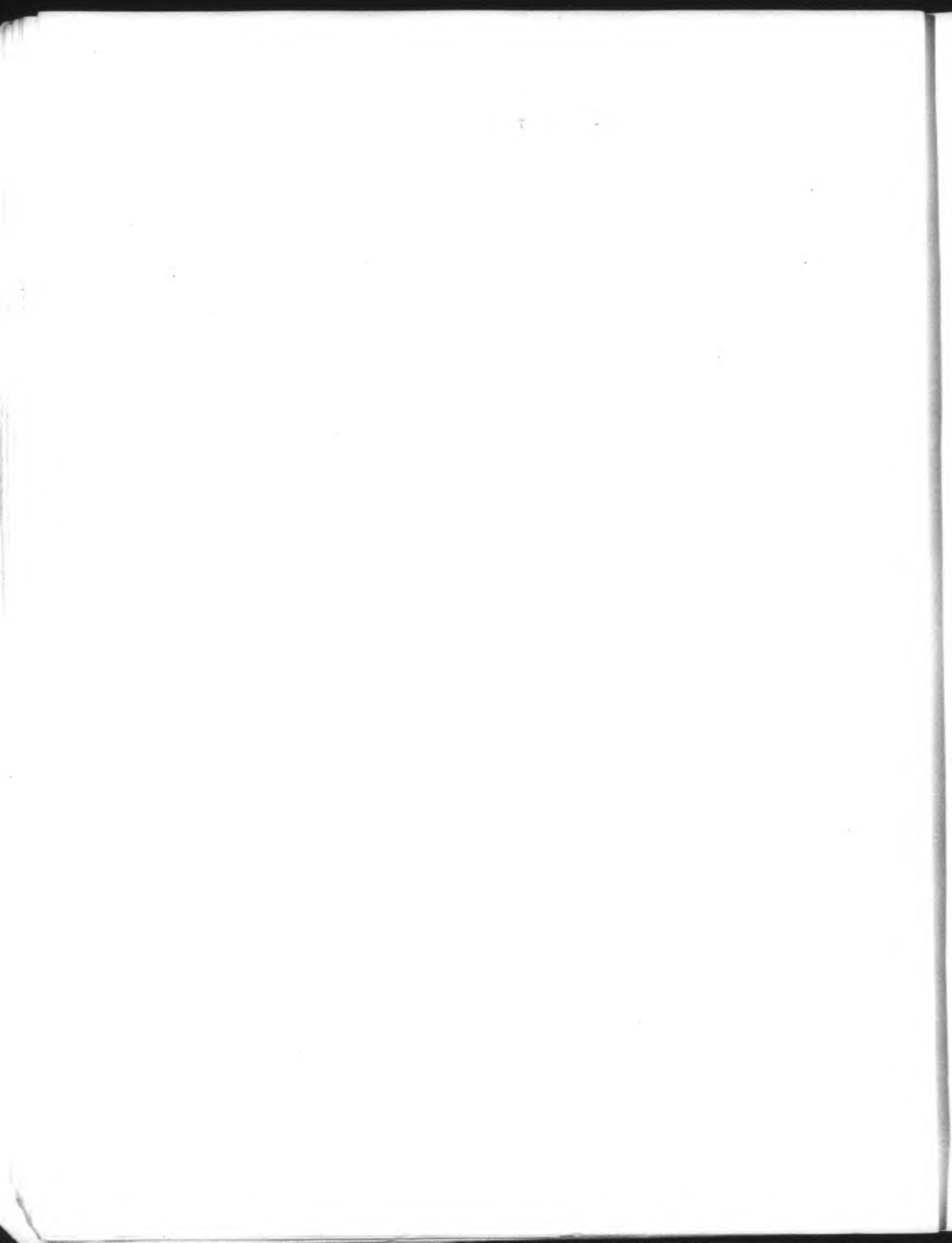
Road No. 55.—Third System.—Extending from a point at or near Pierson on Road No. 3 to Road No. 2 at Smithwick's Filling Station in Lake county, through Astor, Umatilla, Eustis, Tavares, Mineola and Clermont.



Federal Aid, Road 17, Macasphalt on Rock Base



Road 3, Black Creek Bridge



Road No. 56.—Extending from Ellisville to Lake Butler via Providence.

Road No. 57.—Extending from New Smyrna to Sanford.

Road No. 58.—Third System.—Extending from the Georgia state line near Darsey, connecting with Road No. 1 at or near Havana.

Road No. 59.—Commencing at Zolfo Springs, in Hardee county, to Crewsville, thence to a point at or near Fort Bassenger, crossing steel bridge over the Kissimmee river at this point, thence in the most advisable or acceptable route to Okeechobee City.

Road No. 60.—A road leaving the Alabama state line at a point where the Alabama State Highway System strikes the north line of Walton county, Florida, at or near Gaskin, thence to State Road No. 1 in DeFuniak Springs, Florida.

Road No. 61.—Extending from Polk City to Auburndale.

Road No. 62.—Third System.—Extending from Milligan on State Road No. 1, via Baker, Munson, Berrydale and Jay to a point on State Road No. 7 at or near the Alabama-Florida line.

Road No. 63.—Zolfo Springs to Bradenton via Oneco.

Road No. 64.—Extending from Largo to the Gandy Bridge via North St. Petersburg in Pinellas county.

Road No. 65.—Extending from a point south of Gainesville on State Road No. 13, in a southwesterly direction to a point on State Road No. 5 at or near Williston.

Road No. 66.—Beginning on State Road No. 15 at or near the Jefferson-Taylor county line to run in an easterly direction to connect with that certain Taylor county road from Perry to Hampton Springs towards the Jefferson county line.

Road No. 67.—Extending from the State Road No. 8 at a point known as Lake Annie, thence to Venus, Palmdale, Boar Hammock, Main's Corner, Moore Haven, Liberty Point and Clewiston.

Road No. 68.—Beginning at Orange Park, Clay county, Florida, and extending through Middleburg, Keystone Heights, Hampton and Brooker to Worthington Springs.

Road No. 69.—Third System.—Beginning at State Road No. 1 in Live Oak in Suwannee county, thence extending in a southwesterly course through Suwannee county, Lafayette county and Taylor county to a point on the Gulf of Mexico at the mouth of the Steinhatchee river in Taylor via Luraville, Mayo, Cook's Hammock and Clara.

Road No. 70.—Extending from State Road No. 23 in the city of Sumterville, at a point at the intersection of State Road No. 23 with range line dividing Ranges 22 and 23, thence running south along said range line dividing Ranges 22 and 23 in the City of Webster.

Road No. 71.—Extending from the east side of the Withlacoochee river at and near a point east of Croom, Florida, thence running eastwardly and northeastwardly to Coleman, Florida, by way of St. Catherine, Webster, Center Hill to Coleman, making intersection with State Road No. 23.

Road No. 72.—Third System.—Beginning at State Road No. 4, in the town of Bunnell, in Flagler county, Florida, and running in a northeastwardly direction along the present highway known as

the Moody Boulevard to a point in the town of Flagler Beach where it intercepts a highway known as the Ocean Shore Boulevard, leading from St. Augustine, Florida, in a southerly direction to Daytona Beach, Florida.

Road No. 73.—Extending from Moncrief Corner to Dellwood via Bayview in Pinellas county.

Road No. 74—First System.—Extending from Ocala, Marion county, in a southwesterly direction to Hernando in Citrus county, via Stoke's Ferry on the Withlacoochee river.

Road No. 75.—Extending from DeLand to New Smyrna, in Volusia county.

Road No. 76—Third System.—Extending from Quincy, Gadsden county, by or near Midway, to Tallahassee, Leon county.

Road No. 77—Third System.—Beginning at a point on State Road No. 5-A between Branford and the Itchtucknee river and proceeding southward across the Santa Fe river through the towns of Bell and Trenton to a point on State Road No. 19, at Chiefland, thence southward to State Road No. 13 at Sumner.

Road No. 78.—That concrete road thirty-two (32) feet wide, constructed by Duval county, from the city limits of South Jacksonville to the Atlantic Ocean at Atlantic Beach, and the road continuing thence through Jacksonville Beach and to the northern limits of the City of St. Augustine, in St. Johns county, Florida.

Road No. 79.—Extending from Wewahitchka over the route now designated and followed by present Wewahitchka-Panama City county road.

Road No. 80—Third System.—Keystone to Melrose. To extend from State Highway No. 28 at Keystone Heights, to run thence southerly to Melrose, thence in a southwesterly direction between the lake and prairie to a point on State Highway No. 14 at or near McMeekin, Putnam county.

Road No. 81.—Beginning at Chiefland, and extending to Dunnellon, via Otter Creek, Gulf Hammock and Lebanon and Tidewater in the most direct and practicable route.

Road No. 82.—Extending from a point about one mile north of Lake City on State Road No. 2, running through Columbia county to the Georgia line. Said road to follow as near as practical the present highway by way of Milton's store and Benton to Georgia line.

Road No. 83.—Extending from Trenton to Lake City via at or near Williford, Knight Bridge, Fort White and Columbia City.

Road No. 84.—Extending from Marianna, on west side of Chipola river by way of Carr and Clarksville, to where the same intersects State Road No. 6 at Chipola Park, in Calhoun county. That the route to be followed by the said Road No. 84 shall be as near as practicable the same route of the present Marianna and Wewahitchka road to where the same intersects State Road No. 6.

Road No. 85.—Extending from Stuart to Indiantown, and thence to Okeechobee, said road to be known as the "Warfield Highway."

Road No. 86.—That the paved public highway from Arcadia, via Fort Ogden, DeSoto county, Florida, to Punta Gorda, Charlotte county, Florida, be and the same is hereby declared to be a State Highway and is hereby designated "The DeSoto Trail."

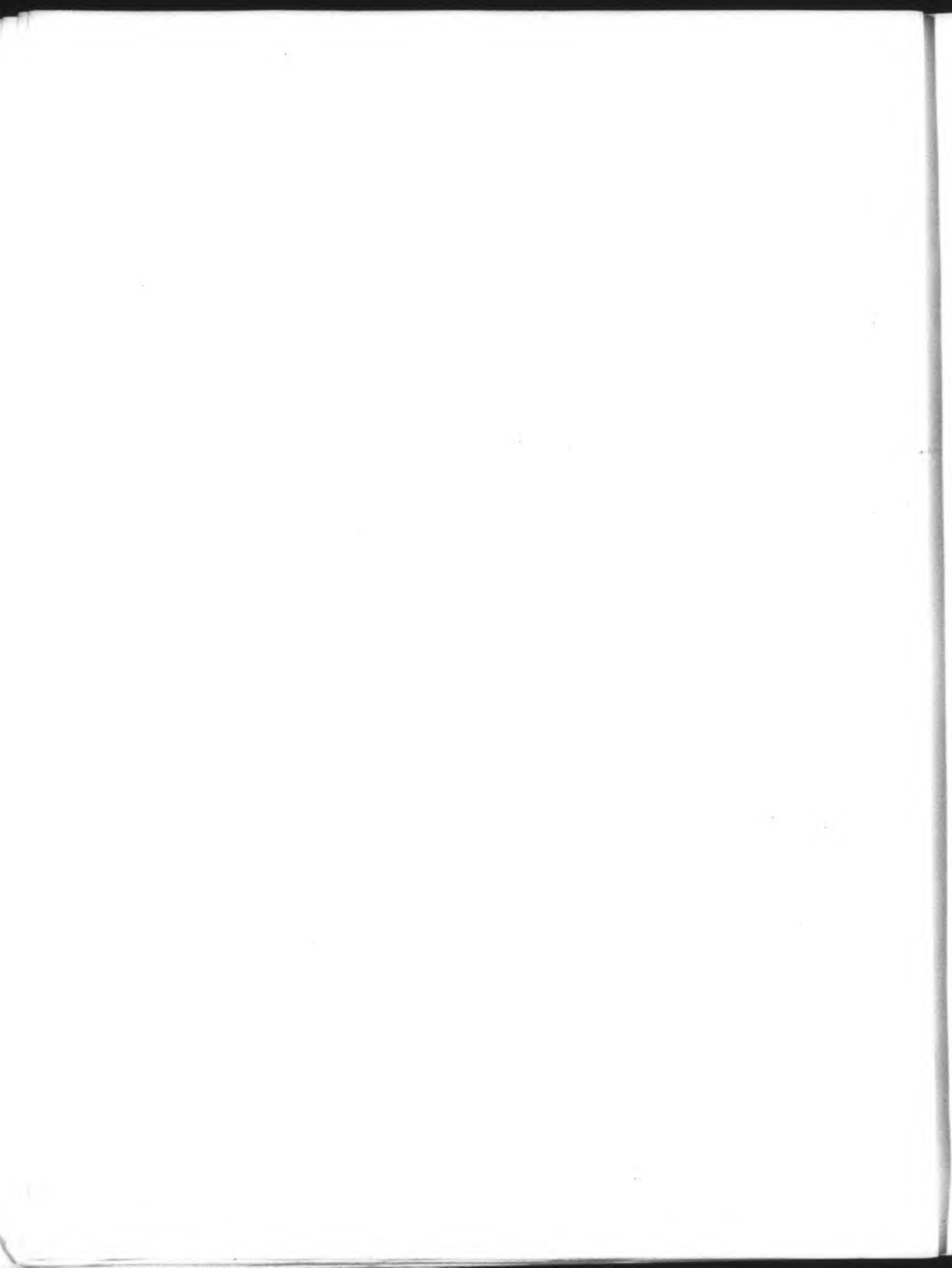




Road 1, Choctawhatchee River Bridge Approach



Federal Aid, Road 4, Palm Beach Canal Bridge





Road No. 87.—Beginning with the main highway leading south of Atmore, Alabama, and continuing in a southerly and southeasterly direction to Pensacola-Flomaton Highway at some point between Pine Barren Creek and Cottage Hill, said point to be determined by the State Road Department, all of said road in Escambia county.

Road No. 88.—Commencing on the State Line dividing the State of Alabama and the State of Florida, due south of Stephen's Ferry on Pea river, in the State of Alabama, at the end of State Highway in the State of Alabama, crossing said river at said Ferry, thence in a southeasterly direction, the nearest and most practicable route to an intersection of the Section line dividing Sections 4 and 5, 8 and 9, 16 and 17, 20 and 21, 28 and 29, 32 and 33, Township 5, North Range 17 West; and Sections 4 and 5, 8 and 9, 16 and 17, 20 and 21, 28 and 29, 32 and 33, Township 4, North Range 17 West; and Sections 4 and 5, 8 and 9, 16 and 17, Township 3, North Range 17 West; point of intersection of said Highway with said described Section line or lines, to be determined by the State Road Department, which from said determined point on said Section line or lines, thence south along said described Section line, due south as nearly as practicable to the Town of Ponce de Leon, thence south to the County line dividing Holmes county and Walton county, thence in a southerly direction to the Lower Bridge on Bruce Creek, thence in a southerly direction to State Road No. 10, at or near Bruce, following the present public road as nearly as practicable; which road shall be located by the State Road Department as other State Roads are located.

Road No. 89.—Extending from State Road No. 44, as now designated and established at the point where said State Road No. 44 crosses the St. Johns river, running thence due westerly as near as practicable to a point on State Road No. 4.

Road No. 90.—Third System.—Beginning at a point on State Road No. 1 in Jackson County, not more than one-half mile east of new bridge over Chipola river, and extending to the Greenwood and to within one-fourth mile of Bascum and to Dudley and to Neal's Landing on the Chattahoochee River in the most direct and practical route.

Road No. 91.—Extending from Ocala to Lake Wier, connecting with State Road No. 2, via Candler and Ocklawaha.

Road No. 92.—Third System.—Extending from a point on State Road No. 69 near Live Oak, thence extending on a westwardly course through Suwannee county and southwardly to a suitable point on Road 5-A in Lafayette county and said road to cross the Suwannee river at or near Dowling Park.

Road No. 93.—Extending from Pensacola along Gulf Beach Highway, in Escambia county, to the public road upon and into Inerarity Point, and thence along said Inerarity Point road to the shore line of Perdido bay at the proposed bridge site of the bridge over said Perdido bay.

Road No. 94.—Third System.—Extending from State Road No. 1 at Lake Jackson in a northerly direction, crossing the Ocklocknee river over the Whidden bridge and extending through the town of Concord to the Georgia line.

Road No. 95.—Beginning at a point on State Road No. 47, where said road crosses the township line dividing Townships Seven and Eight, run thence due west on said township line to the Gulf of Mexico. Said road shall be known as "Saint Augustine State Road No. 95."

Road No. 96.—Beginning at a point on State Road No. 43, at or near the head of the Wacissa river, thence through Thomas City and Waukeenah to a point on State Road No. 11 at or near the intersection of the present Pinhook road with said State Road No. 11.

Road No. 97.—Beginning at Road No. 1 at Cypress and running in a southerly direction to Alliance and to Altha to connect with Road No. 6.

Road No. 98.—Beginning at Cottdale on Road No. 20 and running from there to Graceville.

Road No. 99.—Leading from Worthington Springs, in Union county, in a southeasterly direction through LaCrosse, to a point on State Road No. 2 in Alachua county, about one mile northwest of Paradise, Florida, which point is located in Section 18, Township 9 South, of Range 20 East.

Road No. 100.—Extending from State Road No. 21 at or near Crow's Bluff on the west side of the St. Johns river and extending westward via Altoona, intersecting State Road No. 38.

Road No. 101.—Extending from the town of Wakulla to the town of St. Marks, in Wakulla county.

Road No. 102.—Leading from the intersection of State Roads Forty-eight (48) and thirteen (13) in Starke, Bradford county, Florida, to the Stockade at the State Farm, be and the same is hereby declared and designated as a State Highway, same to be known as the State Farm Highway.

Road No. 103.—Leading from a point on Road No. 5 at or near Williston, in Levy county, through Old Wacahoota, Micanopy, Rochelle, Windsor to State Road No. 36 at Campville in Alachua county, thence over State Road No. 36 to Waldo, thence to Montecoa, thence to LaCrosse, thence to Alachua, thence west to Belle, in Gilchrist county, thence west to Wannee, in Gilchrist county, Florida.

Road No. 104.—Beginning at a point on the Pensacola-Flomaton highway near the Molino cross roads in Escambia county, Florida, thence to the City of Molino, in Escambia county, thence in a southeasterly direction to Milton, in Santa Rosa County, and there to connect with State Road No. 1.

Road No. 105.—Extending from the town of Baker, in Okaloosa county, to Galliver on Road No. 1, thence from Galliver to Holt, thence from Holt, to intersection of State Road No. 10 at or near Camp Walton via Log Lake Bridge, in the most practicable route.

Road No. 106.—Beginning on State Road No. 5 about nine miles northwest of Mayo, Lafayette county, at or near where what is known as Madison-Mayo public road intersects said Road No. 5-A, thence run northerly to or near where said Madison-Mayo road intersects the Madison-Lafayette county boundary line, thence run to Madison by the most feasible and practicable route, thence by way of Hanson and Pinetta to the Georgia state line where the Madison-Valdosta public road intersects the Georgia-Florida state line in Madison county near Horn's Bridge.

Road No. 107.—Extending from a point on State Road No. 1, about ten miles east of Tallahassee, to Chaires, in the county of Leon and thence to Capitola, in said county, following as near as practical from Chaires to Capitola the present roadway and extending from Capitola, in the county of Leon, down through what is known as the El Destino Avenue of Oaks, in Jefferson county, to a point on Road No. 19 in Jefferson county, thence by way of Wacissa to the Taylor county line at or near Walker Springs, thence direct through Taylor county by way of Hampton Springs to Perry, thence south to a point on the Gulf of Mexico at or near the beach known as Adams Beach.

Road No. 108.—Extending from Poincianna, Monroe county, in a northeasterly direction to the Tamiami Trail.

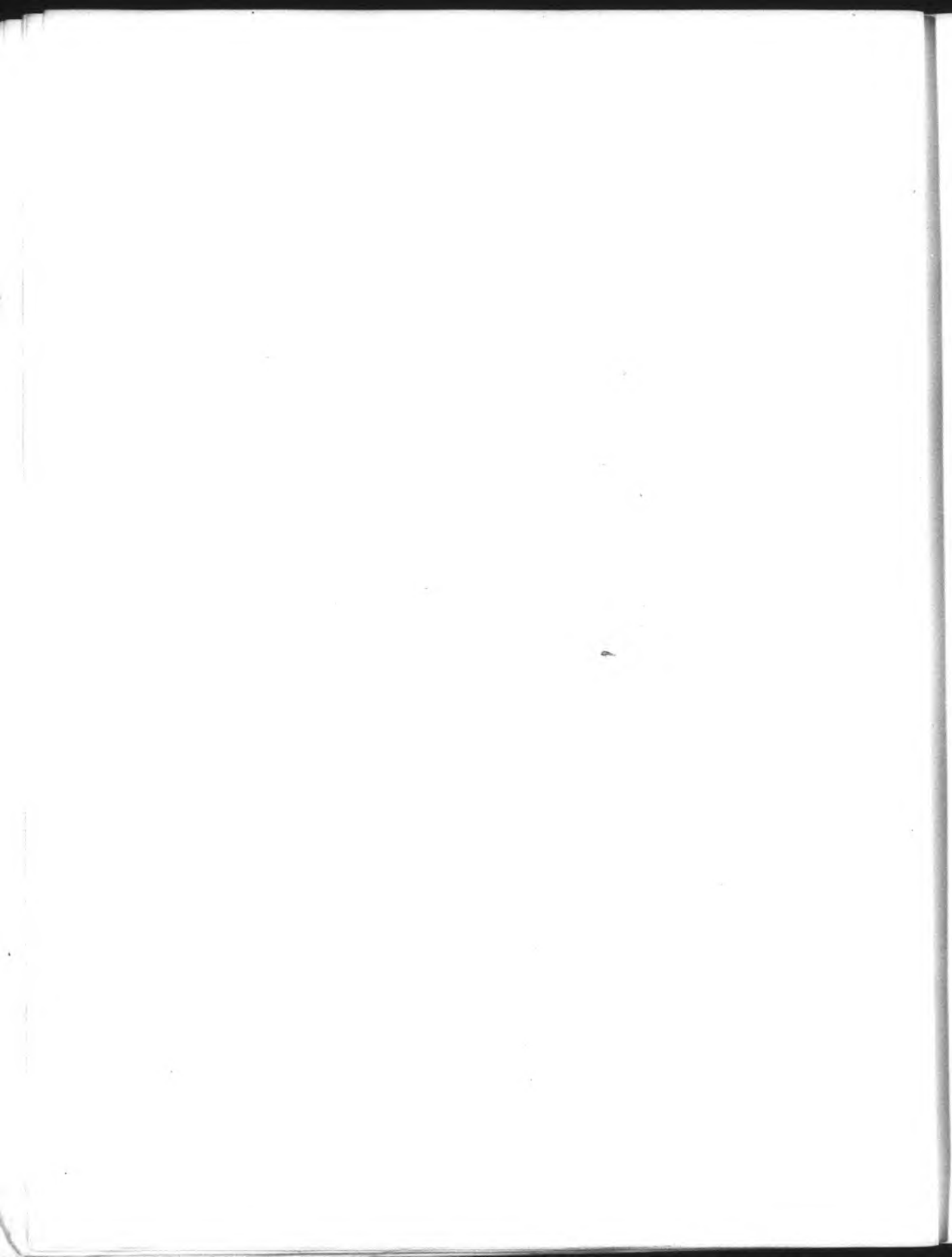
Road No. 109.—Extending from Stuart to Indiantown and thence to Port Myacca, and to be known as "Gaines Highway."



Road 4, Rock Base Slag Surface Treated



Road 1, Little River Bridge



Road No. 110.—Beginning about two miles south of Tallahassee on Road No. 10, at or near that branch of the Seaboard Air Line railway between Tallahassee and St. Marks, running thence via Ivan to Crawfordville, running thence along and as a part of State Road No. 10 to Medart in Wakulla county, and from Medart running thence in a southerly direction to Panacea Springs on the Gulf Coast in said county of Wakulla.

Road No. 111.—Extending from Stuart to Palm City and thence to Okeechobee, said road shall be known as the "Martin Highway."

Road No. 112.—Extending from Branford to Lake City.

Road No. 113.—Extending from State Road No. 13 about three miles south of Starke, to Gainesville, via Graham, Brooker and LaCrosse.

Road No. 114.—Extending from the town of Lawtey, in Bradford county, in a western direction to the State Farm Road.

Road No. 115.—From a point on State Road No. 10, at or near Camp Walton, Florida, running in an easterly direction across the mouth of the Choctawhatchee peninsula, passing not more than two and one-quarter ( $2\frac{1}{4}$ ) miles south of the town of Santa Rosa, and not more than one and one-quarter ( $1\frac{1}{4}$ ) miles south of the town of Point Washington, Florida, thence in an easterly direction, joining with State Road No. 10 at some point between Panama City, Florida, and the Choctawhatchee river.

Road No. 116.—Beginning on State Road No. 2, just west of Alapaha river and running in a westerly direction via Blue Springs and connecting with State Road No. 1 just out of Madison, and to be known as "Blue Springs Highway."

Road No. 117.—Beginning at Indiantown and extending to West Palm Beach in the most direct and practicable route substantially along the route of the Seaboard Air Line Railway.

Road No. 118.—Extending from Astatula, on State Road No. 55, through Howey-in-the-Hills to Groveland, Lake county.

Road No. 119.—Extending from a point on State Road No. 22, two and a half miles west of Indian River City, northeasterly to the city of Titusville, thence to the Atlantic ocean by the most direct route.

Road No. 120.—Connecting with the Suwannee River Scenic Highway at Branford, thence northeast via Hickory Sink to Wellborn, connecting with State Road No. 1 in Suwannee county, thence north through Suwannee and Columbia counties to White Springs in Hamilton county, connecting with State Road No. 2.

Road No. 121.—Extending from a point on State Road No. 48, near north shore of Lake Kingsley, Clay county, thence in a northwesterly direction to the town of Lawtey, in Bradford county, thence in a westerly direction to the Stockade of the State Farm in Union county, thence in a westerly direction to a point on State Road No. 49 at or near the town of Raiford, in Union county.

Road No. 122.—Connecting with State Road No. 1, in Live Oak, running northeast via Pine Grove, in Suwannee county, intersecting with State Road No. 120 at a point near White Springs in Hamilton county.

Road No. 123.—Extending from Campbellton, in Jackson county, to Graceville in Jackson county.

Road No. 124.—Road extending from the city of Lakeland, Polk county, to the city of Bartow, Polk county, via town of Highland City.

Road No. 125.—Extending from the intersection of the Lillian road with Nunez Ferry road at West Pensacola and thence in a westerly and southwesterly direction to the Lillian bridge over Perdido bay, via Millview.

Road No. 126.—Beginning at Neal's Landing, Florida, thence in a southerly direction to Sneads, Florida, and from thence to Shady Grove, Florida.

Road No. 127.—Beginning at State Road No. 10, at Sopchoppy, thence via Greenough, Sanborn and Smith Creek Postoffice, in Wakulla county, to the intersection with State Road No. 19, at Ward, in Leon county.

Road No. 128.—Extending from Wakulla Beach to the intersection of State Road No. 10, at or near the upper bridge across the Wakulla river.

Road No. 129.—Beginning at St. Marks at the southern terminus of the Seaboard Air Line railway, thence via Crawfordville to Arran.

Road No. 130.—Beginning at Wacissa, thence via Fanlew, both in Jefferson county, to the intersection with the Gulf Coast Highway, at Newport, in Wakulla county.

Road No. 131.—Leading from Hampton, in Bradford county, in a southerly direction on the hard-surfaced road leading from Waldo, in Alachua county, to Lake Santa Fe, at a point where the road to Orange Heights leads off at practically a right angle curve.

Road No. 132.—Extending from Monticello along the route of the "Over the Lake" road to the Leon county line, via Herring's Store, and also to intersection with the Metcalfe road at the Georgia line.

Road No. 133.—Extending from Monticello along the route of the old Monticello-Aucilla road to State Road No. 1; and also along the route of the Ashville road to Ashville, and to intersect with State Road No. 35.

Road No. 134.—Beginning at Bunnell, in Flagler county, and running in a southwesterly direction along the present highway known as the Moody Boulevard to, or near, what is known as the Cody Store, thence turning in a southerly direction and continuing to a point on the line dividing the counties of Flagler and Volusia to intercept with what is known as the Perkins road, and thence continuing along the said Perkins road to DeLand.

Road No. 135.—Extending from Telogia to Sumatra, in Liberty county, to run parallel to the Apalachicola Northern Railroad.

Road No. 136.—Extending from Jackson Bluff to Carrabelle and Quincy road south, continue to due east of the town of Telogia, then straight to Telogia Station.

Road No. 137.—Beginning at White Springs and running in northerly direction along the Suwannee river north to the Georgia line in the most direct and practical route, be, and the same is hereby known as the "Woodpecker Route."

Road No. 138.—Known as the Lem Turner road, beginning at the corporate limits of the city of Jacksonville and in Duval county and running thence in a general direction of the present Lem Turner road to a connection with State Road No. 4 at Callahan, in Nassau county.

Road No. 139.—Known as the Old Orange Park road, beginning at the corporate limits of the city of Jacksonville, in Duval county, and running thence in the general direction of the present right-of-way of the Old Orange Park Road to a connection with State Road No. 3, Orange Park, in Clay county.

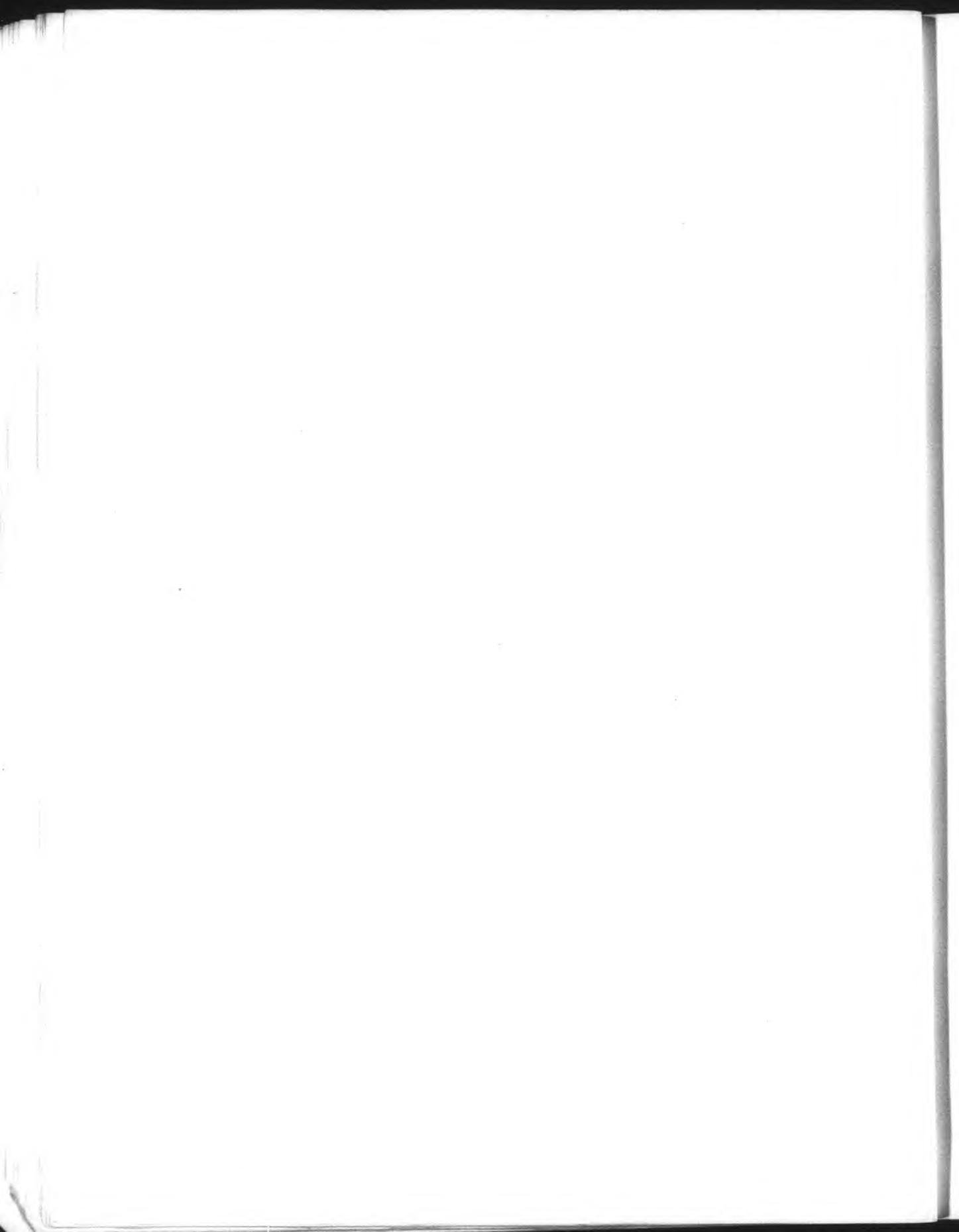




Road 10, Sand Asphalt Base and Surface Course



Road 5-A, Itchtucknee River Bridge





Road No. 140.—Road to be known as Atlantic Beach Boulevard, which shall extend from the city of St. Augustine, in the county of St. Johns, to the city of Miami, the county of Dade, running in a southerly direction across and through the counties of St. Johns, Flagler, Volusia, Brevard, Indian River, St. Lucie, Martin, Palm Beach, Broward and Dade.

Road No. 141.—Commencing at a point on Road No. 90, between Greenwood and Bascom, extending to Malone and to Alabama state line, in the most direct and practical route.

Road No. 142.—Commencing at a point on Road 67 at or near Mains Corner in Glades county, Florida, and extending west to LaBelle in Hendry county, Florida, via Citrus Center and Ortona in Glades county along the most practical route.

Road No. 143.—Extending from Canal Point by way of Pahokee to intersect with State Road No. 25 at town of Belle Glade in Palm Beach county.

Road No. 144.—Extending from Milton on State Road No. 1, thence northwesterly via Chumuckla Springs to Bogia on State Road No. 7; thence westerly to an intersection with State Road No. 87.

Road No. 145.—Extending from Brighton in Highlands county south to the Indian Prairie canal in Glades county, thence in a southerly direction along a most practicable route over or near the present graded road to State Road No. 29 at Lake Port in Glades county, Florida.

Road No. 146.—Third System.—Beginning at a point on State Road No. 28 at or near Keystone Heights, thence running north to Hampton, thence northwesterly from Hampton to intersect State Road No. 68 at or near the Leaston Wynn place, running via Hampton Beach, said road being otherwise known as Road No. 1 of Bradford county.

Road No. 147.—Extending from Raiford to Sanderson to intersect at a point three miles north of Bomanville with a road known as Road No. 154.

Road No. 148.—Extending from Olustee, being a southwesterly direction to Road No. 49 at Lake Butler.

Road No. 149.—Beginning at Deerfield, Broward county, and running westerly and southerly and entering Miami on N. W. 7th Avenue, locally known as West Dixie Highway.

Road No. 150.—Beginning at Campbellton, Florida, and running in an easterly direction through Sills and to connect with Road No. 90 at Malone in Jackson county, Florida.

Road No. 151.—Beginning at Seville in Volusia county, and running to Bunnell in Flagler county.

Road No. 152.—Beginning east of Lafayette creek on Road No. 10, Walton county, and running thence to and across the mouth of the Choctawhatchee river, thence by way of Point Washington in said county to the Gulf of Mexico.

Road No. 153.—Beginning at State Road No. 1 at or near Mossy Head in Walton county, Florida, running thence north across Shoal river at Turner's Bridge, thence in a northerly direction and intersecting State Road No. 40 at Gordon in said county.

Road No. 154.—Extending from Glen St. Mary to Taylor, Florida.

Road No. 155.—Extending from Lawt Connor's farm in a northeasterly direction to Moniac Bridge via Baxter (Baker county), Florida.

Road No. 156.—Third System.—Beginning at a point on State Road No. 23, about two miles south of Zephyrhills in Pasco county and thence running southeasterly along the route of the A. C. L. railroad to Thonotosassa in Hillsborough county.

Road No. 157.—Beginning from a point at or near Dinsmore in Duval county and running thence northerly and westerly through the counties of Nassau, Baker and Columbia to a point on the Florida-Georgia state line near St. George, where the same will connect with a Georgia state road from Valdosta through Fargo to the Florida line.

Road No. 158.—Extending from Lynn Haven Junction on Road 20, running in a northerly direction to Lynn Haven, thence to South Port across the North Bay bridge and thence to Chipley.

Road No. 159.—Beginning at Greenwood, thence to Two Egg, Dellwood, Grand Ridge and to connect with road now constructed at Calhoun-Jackson county line, thence along said road to connect with Road 6 at Blountstown.

Road No. 160.—Begin at a point on State Road No. 81, 230 feet southeasterly of Cow Creek in Levy county and extend in a southeasterly direction to a point 10 feet southerly of Station 1159 on State Road No. 15 as located by the survey of State Road No. 15 in Levy county by the State Road Department.

Road No. 161.—Extending from Bradenton via Manatee and Waterbury to the intersection of State Road No. 18-A near Verna, over the present constructed road.

Road No. 162.—The eastern terminus to be the intersection of Orange Avenue in the city of Fort Pierce with line  $1\frac{1}{2}$  miles south of the northern line of Twp. 35, or as near thereto as to be practical and economical, to an intersection with State Road No. 29, thence as directly as possible, etc., etc., to the city of Sebring, securing a feasible and direct crossing of the Kissimmee river.

Road No. 163.—Third System.—Commencing on State Road No. 1 at Grand Ridge, Jackson county, extending from said point in a southerly direction to Blountstown, Calhoun county, to connect with State Road No. 6.

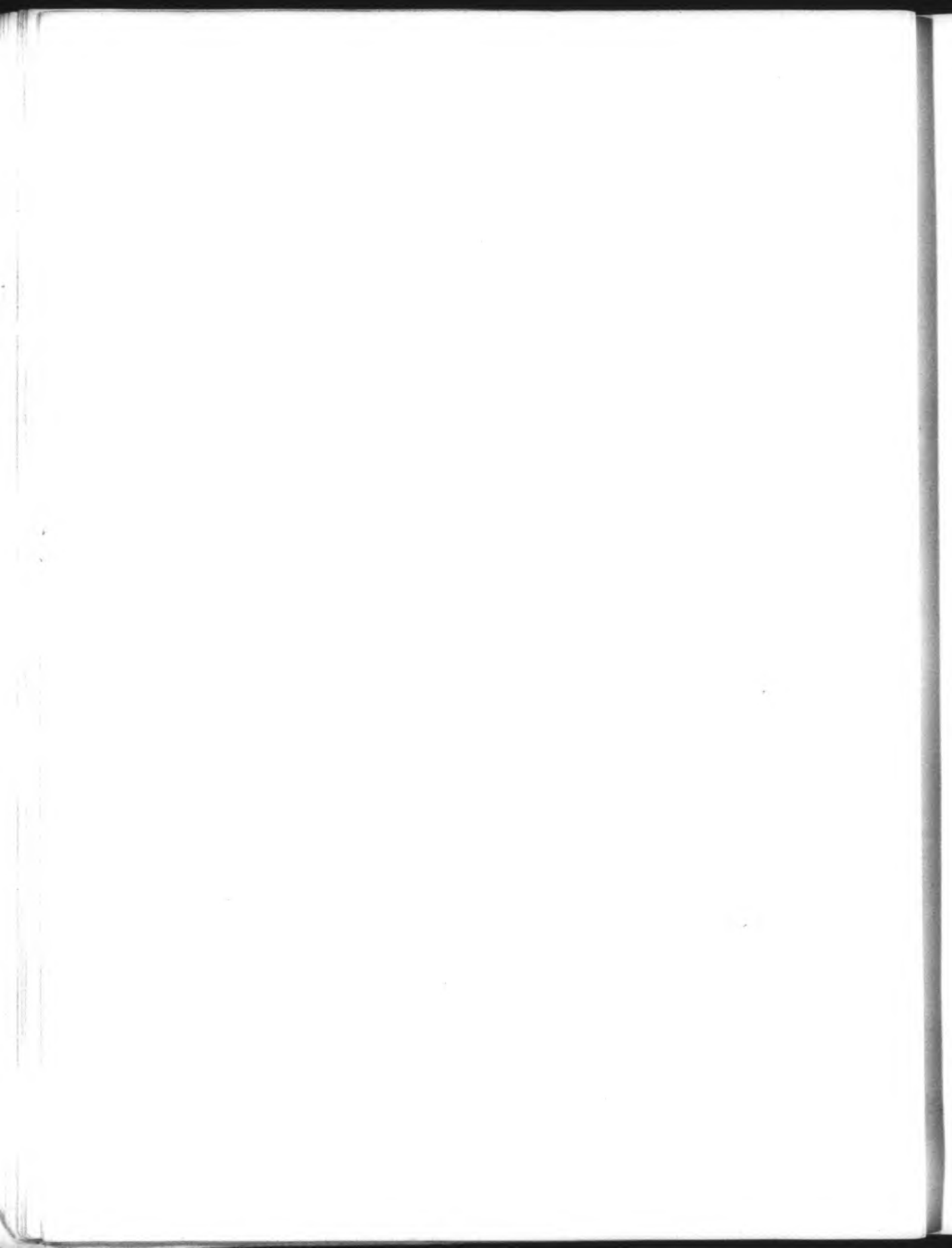
Road No. 164.—Third System.—Commencing at a point at or near Venus on Road No. 26 and extend south to the town of Everglades in Collier county, via Tasmania, LaBelle, Felda and Immo-kalee along the most practical route.



Federal Aid, Road 17, Plain Cement Concrete



Road 10, Carrabelle River Bridge



## CHAPTER 10186—(No. 164).

AN ACT to Regulate the Operation of Motor-Driven and Other Vehicles on the Public Highways of the State of Florida and to Provide for the Enforcement, and Punishment for the Violation of this Act.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF FLORIDA:

Section 1. No person shall operate a motor vehicle upon the public highway of this State recklessly, or at a rate of speed greater than is reasonable and proper, having regard to the width, traffic, and use of the highway, or so as to endanger the property or the life or limb of any person; Provided, that a rate of speed in excess of twenty-five miles per hour in the residence portion of any city, town or village, and a rate of speed in excess of fifteen miles per hour in the business portion of any city, town or village, and a rate of speed in excess of forty-five miles per hour on any public highway outside of the corporate limits of any incorporated city or town, of motor-driven vehicles weighing less than five thousand pounds shall be deemed prima facie evidence of reckless driving. That a rate of speed in excess of fifteen miles per hour in the residence portion of a city, town or village, and a rate of speed in excess of ten miles per hour in the business portion of any city, town or village, and a rate of speed in excess of thirty miles per hour on any public highway outside of the corporate limits of any city or town, of motor-driven vehicles weighing more than five thousand pounds and less than sixteen thousand pounds shall be deemed a violation of this Section; that a rate of speed in excess of ten miles per hour in the residence portion of any city, town or village, and a rate of speed in excess of eight miles per hour in the business portion of any city, town or village, and a rate of speed in excess of twenty miles per hour on any public highway outside of the corporate limits of any incorporated city or town, of motor-driven vehicles weighing more than sixteen thousand pounds shall be deemed a violation of this Section; that the speed of all motor-driven vehicles shall be reduced on curves in such manner as to keep the vehicle under the entire control of the driver, provided, further, that no person shall operate upon the public highway inside the corporate limits of any incorporated city or town of this State a motor vehicle with muffler cut-out open.

Sec. 2. All motor vehicles shall be provided with lights in front and light in rear. The front or driving lights shall be of the tilting variety or some other device which will kill the glare of the driving lights.

Sec. 3. It shall be unlawful to stop any motor vehicle on the public roads, for either convenience or repair, but in all cases where possible to do so shall turn off the road to the right and the left wheel nearest the center of the paving shall not be more than one foot on the side of the paving. All vehicles shall drive on the right side of the road except when passing a slower vehicle.

Sec. 4. It shall be unlawful to operate upon any hard-surfaced road in Florida any log cart, tractor, well machine or any steel tired vehicle other than the ordinary farm wagon or buggy, or any other vehicle or machine that is likely to damage a hard-surfaced road except ordinary wear and tear on the same.

Sec. 5. It shall be unlawful for any officer in the discharge of his duties, as provided in this Act, to demand an excessive appearance bond and in all such cases the gravity of the offense committed shall be considered in the requirement of such appearance bonds.

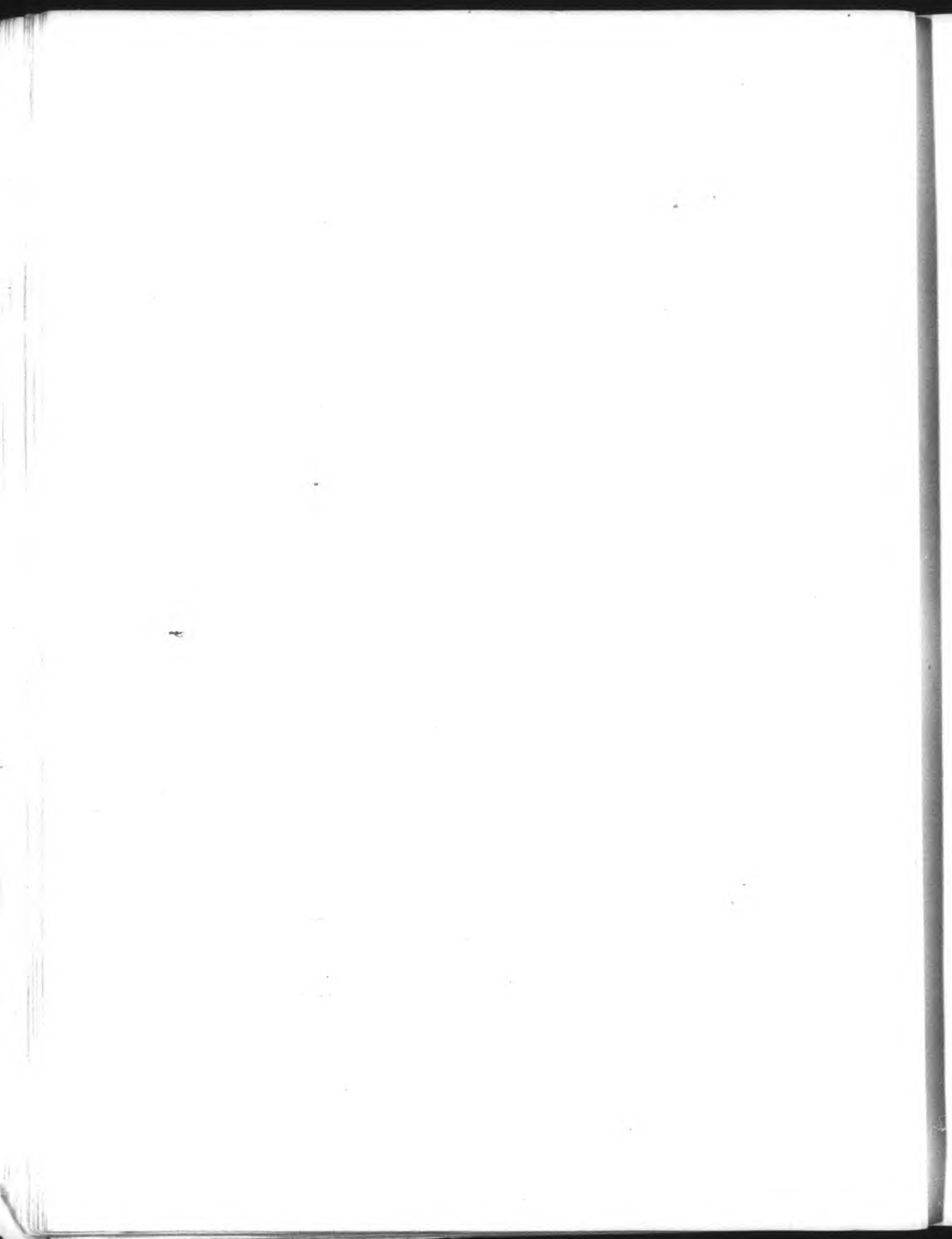
Sec. 6. It shall be unlawful for any city or town to pass or attempt to enforce any ordinance in conflict with the provisions of this Act. Provided, however, that this Act shall not apply to school zones.

Sec. 7. Any person convicted of the violation of any of the provisions of this Act shall be guilty of a misdemeanor and upon conviction shall be punished by a fine of not more than one hundred (\$100.00) dollars or by imprisonment for not more than ninety (90) days, or by both such fine and imprisonment.

Sec. 8. All laws and parts of laws in conflict herewith are hereby repealed.

Sec. 9. This Act shall take effect upon its becoming a law.

Approved June 8, 1925.

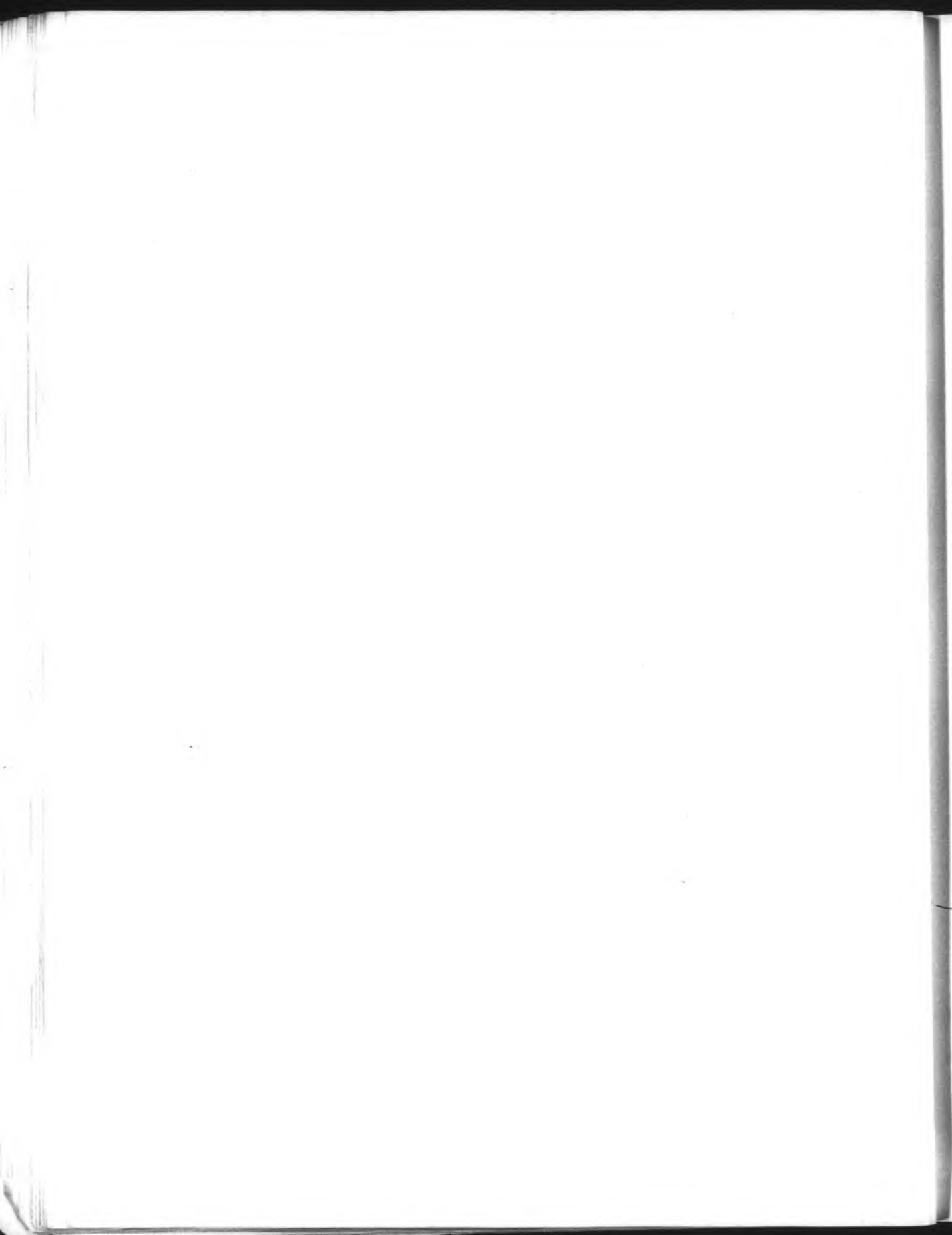




Federal Aid, Road 1, Plain Cement Concrete



Federal Aid, Road 4, Pompano Canal Bridge





**RULES AND REGULATIONS OF THE SECRETARY OF AGRICULTURE FOR CARRYING OUT THE FEDERAL HIGHWAY ACT (EXCEPT THE PROVISIONS THEREOF RELATIVE TO FOREST ROADS).**

**REGULATION 1.—DEFINITIONS**

Section 1. For the purposes of these regulations, the following terms shall be construed, respectively, to mean:

**Act.**—The Act of Congress approved July 11, 1916, entitled "An act to provide that the United States shall aid the States in the construction of rural post roads, and for the other purposes" (30 Stat. 355), as amended by the act of Congress approved February 28, 1919, entitled "An act making appropriations for the service of the Post Office Department for the fiscal year ending June 30, 1920, and for other purposes" (40 Stat. 1200, 1201), and as amended by the act of Congress approved November 9, 1921, entitled "An act to amend the act entitled 'An act to provide that the United States shall aid the State in the construction of rural post roads, and for other purposes,' approved July 11, 1916, as amended and supplemented, and for other purposes" (Public, No. 87, 67th Cong.)

**Secretary.**—The Secretary of Agriculture of the United States.

**Bureau of Public Roads.**—The Bureau of Public Roads of the United States Department of Agriculture.

**Authorized Representatives of the Secretary.**—The Chief of the Bureau of Public Roads and such other officials and employees thereof as he may designate from time to time.

**Federal Aid Highway System.**—The system of Federal aid highways, established by actual agreement and joint action of the States and the Secretary of Agriculture, and upon which all Federal aid funds shall be spent.

**Primary Highways.**—The primary or interstate portion of the Federal aid highway system composed of not to exceed three-sevenths thereof.

**Secondary Highways.**—The secondary or inter-county portion of the Federal aid highway system consisting of at least four-sevenths thereof.

**Ten Per Cent Fund.**—Items for engineering, inspection, and unforeseen contingencies not exceeding 10 per cent of the total estimated cost of the construction.

**REGULATION 2.—APPLICATION OF REGULATIONS**

Section 1. These regulations apply to all provisions of the act, except the provisions thereof relative to forest roads and trails, unless hereafter so made applicable by order of the Secretary.

Section 2. These regulations shall apply as fully where the extent to which the State may engage in road construction and maintenance work, or raise State revenues therefor, is limited by its existing constitution and laws and as in any other case.

**REGULATION 3.—INFORMATION FOR THE SECRETARY**

Section 1. Before any agreement is made upon any road or roads to be constructed in a State, or as to the character and method of construction, there shall be furnished the Secretary upon his request, by or on behalf of the State, general information as to its laws affecting roads and the au-

thority of the State and local officials in reference to the construction and maintenance of roads; as to the State highway department, how equipped and organized; as to the existing provisions of its constitution or laws relative to State revenues for the construction, reconstruction, or maintenance of roads; as to funds that will be available to meet the State's share of the cost of the construction work to be performed and the general source of such funds; and as to provisions made, or to be made, for maintaining roads upon which Federal aid funds will be expended.

Sec. 2. Information requested by the Secretary or his authorized representatives relating to the maintenance of roads constructed under the provisions of the act shall be furnished, from time to time, by the State highway departments, on forms supplied by the Bureau of Public Roads.

Sec. 3. Data furnished by or on behalf of a State shall be supplemented by such reports of the Bureau of Public Roads as the Secretary may from time to time require.

#### REGULATION 4.—FEDERAL AID HIGHWAY SYSTEM MAP

Section 1. Each State highway department shall file with the Secretary of Agriculture a State map showing the proposed Federal aid highway system and indicating the primary and the secondary portions thereof, in such form and with such information as he may require.

Sec. 2. The Secretary, through his authorized representatives, will make an examination of the proposed system and will from time to time notify the State highway department of the acceptability of the parts of the system examined.

Sec. 3. When agreement has been reached between the State highway department and the Secretary as to the whole (or if the State so desires, of a material portion) of the Federal aid highway system, the State shall make formal request for the approval of the Secretary of Agriculture. This request will be accompanied by a State map showing the full proposed Federal aid highway system with the primary and secondary highways upon which formal approval is requested, in such form and with such information as may be prescribed by the Secretary or his authorized representatives.

Sec. 4. Pending the formal approval of the State highway system in whole or in part by the Secretary of Agriculture, only such projects will be approved as are on routes indicated on the proposed Federal Aid highway system as submitted under section 1 and tentatively accepted by the Secretary of Agriculture under section 2 of this regulation: Provided, That the Secretary of Agriculture may approve project statements submitted by the State highway departments prior to the selection, designation, and approval of the system of Federal aid highways herein provided for if he may reasonably anticipate that the projects will become a part of such a system.

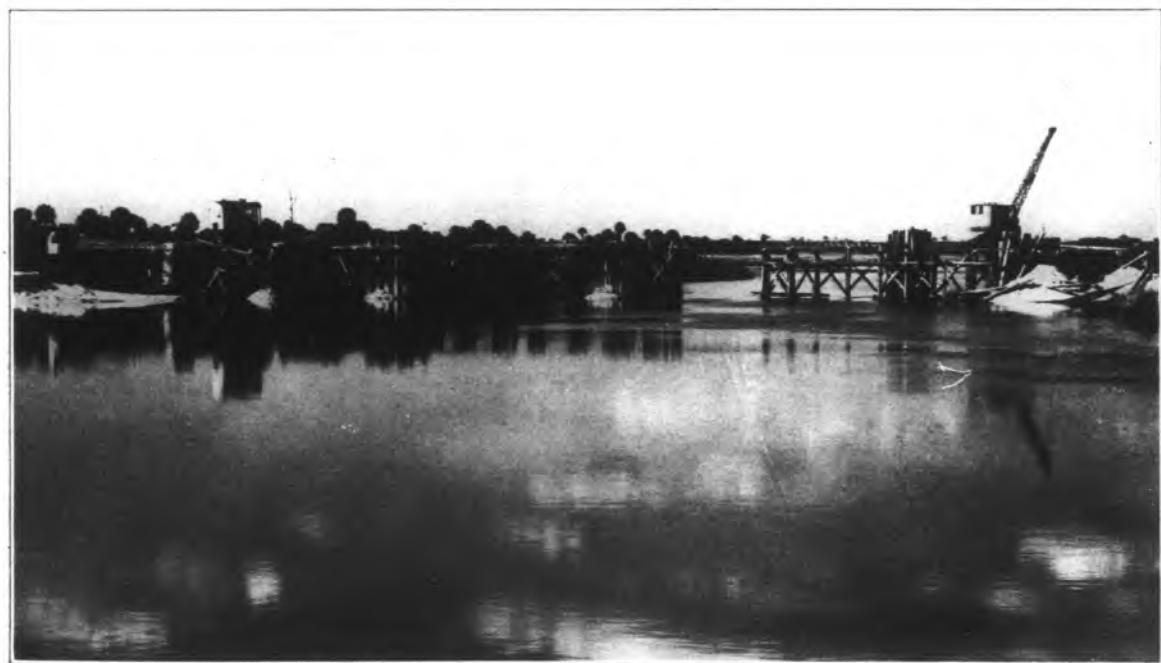
#### REGULATION 5.—PROJECT STATEMENTS

Section 1. A project statement may be submitted for the whole or any part of a continuous route or routes embraced in the Federal aid highway system selected or designated in accordance with the provisions of the act, preference being given to such projects as will expedite the completion of a system of highways interstate in character.

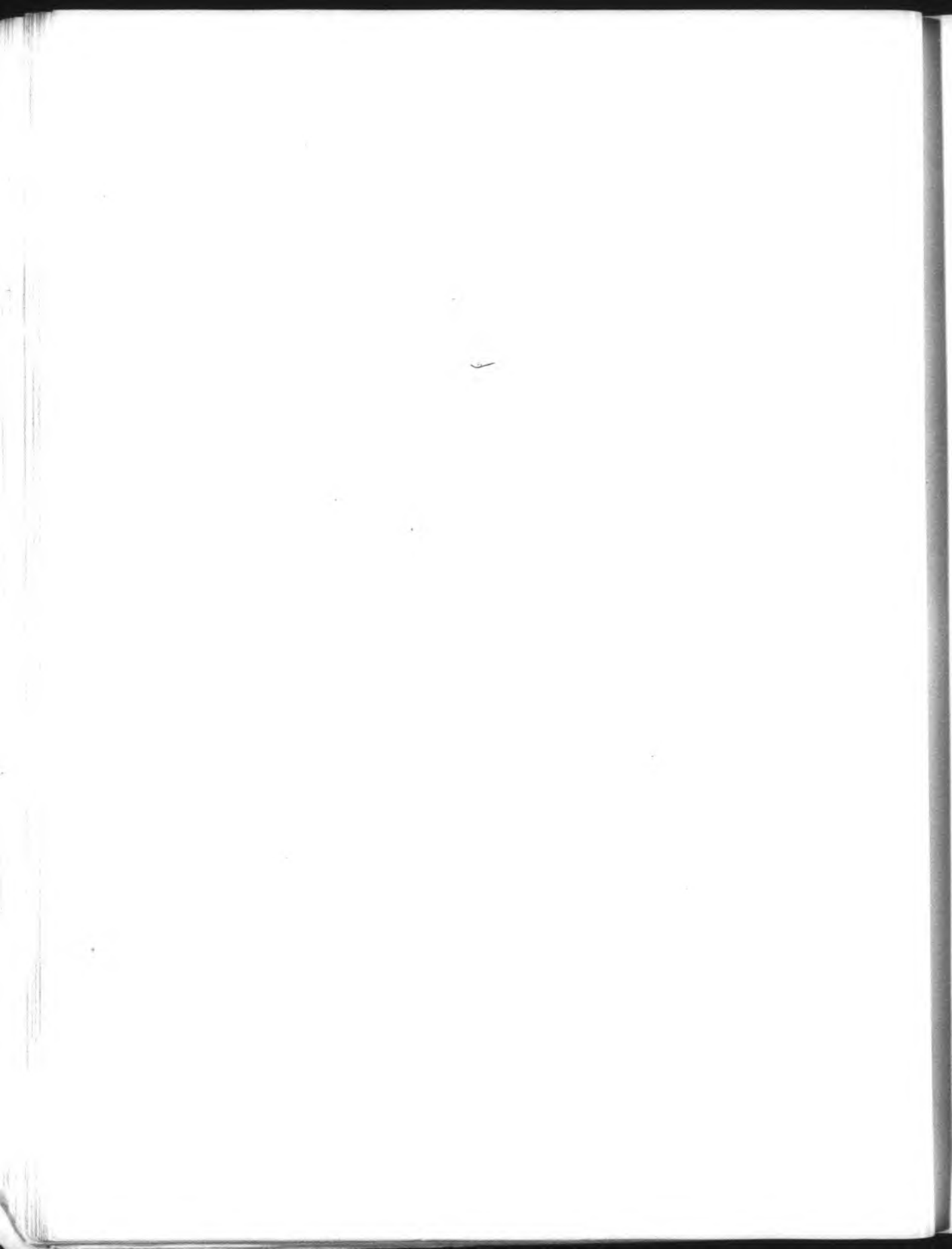
Sec. 2. Prior to the selection, designation, and approval of the Federal aid highway system, project statements may be submitted for any route or part of a route if the Secretary may reasonably anticipate that such route will become a part of such system. After the Federal aid highway system shall have been selected, designated and approved no project statements shall be submitted for any route or part of a route not embraced in the system so selected, designated and approved.



Road 4, Sheet Asphalt



Federal Aid, Road 5, Myakka River Bridge Under Construction



Sec. 3. A project statement shall contain such information as the Secretary may require to be submitted on a form supplied by the Bureau of Public Roads and shall be accompanied by a sketch map in sufficient detail and covering such length of road as may be necessary to determine the fitness of the location as a part of the Federal aid highway system and with the termini of the proposed improvement indicated thereon.

#### REGULATION 6.—SURVEYS, PLANS, SPECIFICATIONS, AND ESTIMATES

Section 1. The surveys, plans, specifications and estimates shall show in convenient form and detail the work to be performed, and the probable cost thereof, all in conformity with the standards, governing form, and arrangement prescribed by the Secretary.

Sec. 2. Copies of the specifications shall be submitted with the plans and estimates, except that where standard specifications have been approved by the Chief of the Bureau of Public Roads a statement to the effect that approved standard specifications govern may be submitted in lieu of printed documents.

Sec. 3. Until plans, specifications, and estimates for a project or part thereof have been submitted and found satisfactory for recommendation and the State has been so notified by the district engineer of the Bureau of Public Roads, no project or part thereof shall be let to contract.

Sec. 4. The estimate for each project shall show the estimated quantity and the estimated cost of each item of construction in detail and, separately, the 10 per cent fund, and shall not include any expense for advertising.

Sec. 5. Unless State standard contract and bond forms have been approved there shall be submitted with each set of plans for the approval of the Secretary copies of the form of contract together with all documents referred to therein or made a part thereof, and of the contractor's bond which it is proposed to use on the project. No alteration of either of these forms, when once approved, shall be made until it is approved by the Secretary.

Sec. 6. Where any part of the cost of a project is to be furnished by a county or other local subdivision of a State, the plans, specifications and estimates shall be accompanied by certified copy of each resolution or order, if any, of the appropriate local officials, or such other showing as the Secretary may require respecting the funds which are made available, or respecting the supervision of the construction of the road and of the control of the money provided for paying such cost.

Sec. 7. Right of way ample for any project shall be provided and no incidental damages to adjoining property, due to construction work paid for by or on behalf of the State, shall be included in the estimate or be paid in any part, directly or indirectly, by the Federal Government.

Sec. 8. Grade crossings occurring on the Federal aid highway system shall be classified for priority of improvement by agreement between the State highway departments and the Bureau of Public Roads.

Sec. 9. No part of the expense of making surveys, plans, specifications or estimates, by or on behalf of the State prior to the beginning of construction work, shall be included in the estimate or paid by the Federal Government.

Sec. 10. Subsequent to the execution of the agreement no change which will increase the cost of a project to the Federal Government shall be made, except upon approval by the secretary of Agriculture, and no changes shall be made in the termini or type, except upon approval of the Chief

of the Bureau of Public Roads, but minor alterations which do not affect the general nature of the improvement or increase the total cost to the Federal Government may be authorized by the Chief of the Bureau of Public Roads or his authorized representative.

#### REGULATION 7.—PROJECT AGREEMENTS

Section 1. A project agreement between the State highway department and the Secretary shall be executed in triplicate on a form furnished by the Secretary. No payment shall be made by the United States unless or until such agreement has been executed, nor on account of work done prior to recommendation by the district engineer of the Bureau of Public Roads that the plans, specifications and estimates be approved.

#### REGULATION 8.—CONTRACTS

Section 1. No part of the Federal money set aside on account of any project shall be paid until it has been shown to the satisfaction of the Secretary that adequate methods, either advertising other devices appropriate for the purpose, were employed, prior to the beginning of construction, to insure economy and efficiency in the expenditure of such money.

Sec. 2. Upon Publication of advertisements copies thereof shall be furnished to the Bureau of Public Roads.

Sec. 3. Bids shall conform to the standard proposal form, and the items shall be the same as those contained in the estimate provided for in Regulation 6, Section 4.

Sec. 4. Copy of the tabulated bid prices, showing the unit prices and the totals for each bid for every project, shall be furnished promptly to the Bureau of Public Roads.

Sec. 5. In advance of the acceptance of any bid sufficient notice of the time and place the contract is to be awarded shall be given to the Bureau of Public Roads to enable it, if it so desires, to have a representative present. When a bid has been accepted prompt notice thereof shall be given to the Bureau of Public Roads.

Sec. 6. If the contract be awarded to any other than the lowest responsible bidder the Federal Government shall not pay more than its pro rata share of the lowest responsible bid, unless it be satisfactorily shown that it was advantageous to the work to accept the higher bid.

Sec. 7. The specifications and plans shall be made a part of the contract.

Sec. 8. A copy of each contract, as executed, shall be promptly certified by the State highway department and furnished to the Secretary and no alterations in the contract shall be subsequently made without the approval of the Secretary.

#### REGULATION 9.—CONSTRUCTION

Section 1. Suitable samples of materials to be used in construction work shall be submitted, by or on behalf of the State highway department, to the Bureau of Public Roads whenever requested.

Sec. 2. Unless otherwise stipulated in writing by the Secretary or his authorized representative, materials for the construction of any project shall be tested, prior to use, for conformity with specifications, according to methods prescribed or approved by the Bureau of Public Roads.

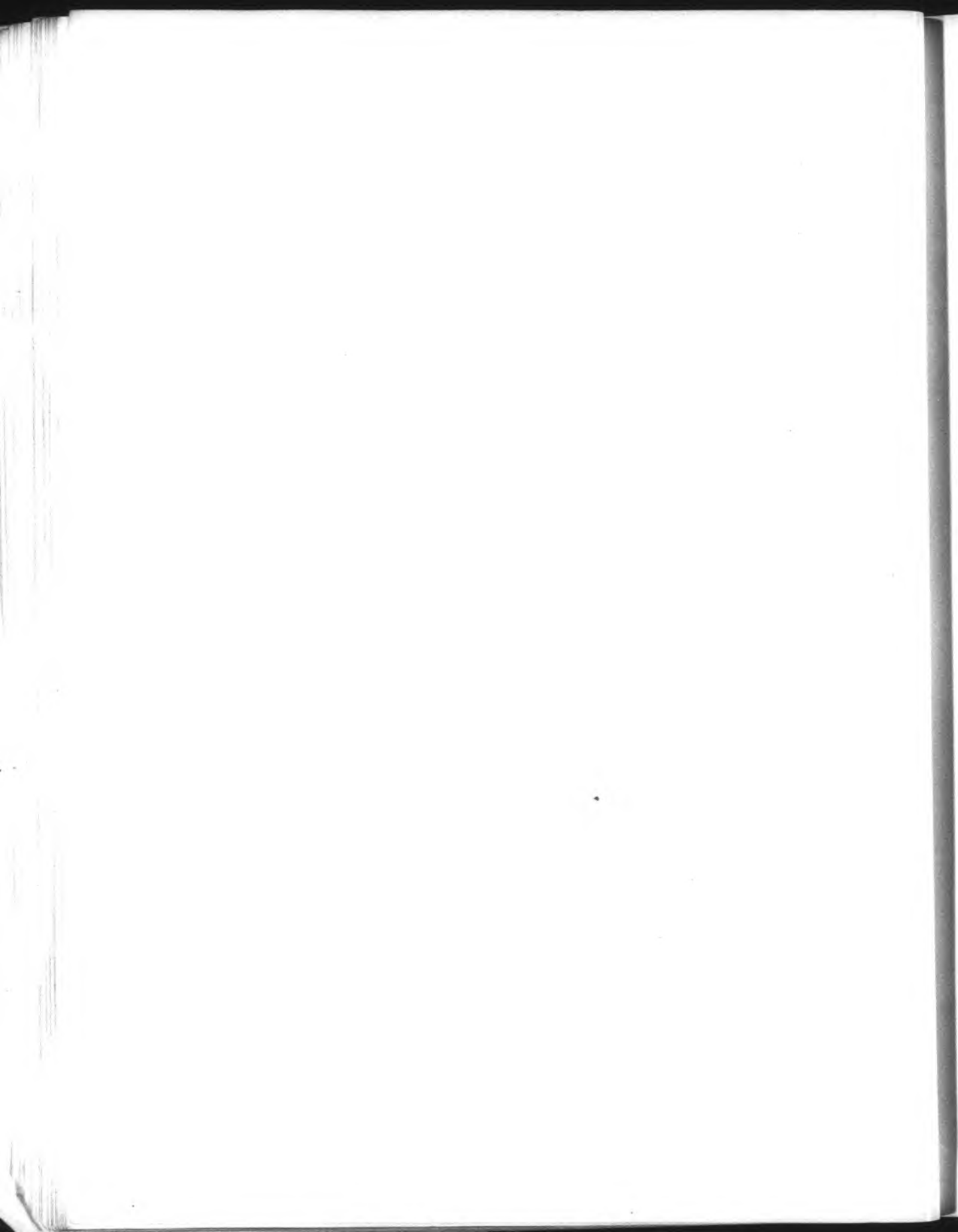




Road 10, Rock Base Slag Surface Treated



Road 1, A. C. L. Overpass





Sec. 3. No part of the money apportioned under the act shall be used, directly or indirectly, to pay or to reimburse a State, county, or local subdivision for the payment of any premium or royalty on any patented or proprietary material, specification, process, or type of construction unless purchased or obtained on open actual competitive bidding at the same or less cost than unpatented articles or methods, if any, equally suitable for the same purpose.

Sec. 4. The supervision of each project by the State highway department shall include adequate and continuous engineering inspection throughout the course of construction.

Sec. 5. Written notice of commencement and completion of work on any project shall be given promptly by the State highway department to the Bureau of Public Roads.

Sec. 6. Reports of the progress of construction, showing force employed and work done, shall be furnished as requested by the Secretary or his authorized representatives.

#### REGULATION 10.—RECORDS AND COST KEEPING

Section 1. Such records of the cost of construction, of inspection, of tests, and of maintenance, done by or on behalf of the State, shall be kept, by or under the direction of the State highway department, as will enable the State to report, upon the request of the Secretary or his authorized representatives, the amount and nature of the expenditures for these purposes.

Sec. 2. The accounts and records, together with all supporting documents, shall be open at all times to the inspection of the Secretary or his authorized representatives, and copies thereof shall be furnished when requested.

#### REGULATION 11.—PAYMENTS

Section 1. Vouchers, in the form provided by the Secretary and certified as therein prescribed, showing amounts expended on any project and the amount claimed to be due from the Federal Government on account thereof, shall be submitted by the State highway department to the Bureau of Public Roads, either after completion of construction of the project or, if the Secretary has determined to make payments as the construction progresses, at intervals of not less than one month.

#### REGULATION 12.—SUBMISSION OF DOCUMENTS

Section 1. Papers and documents required by the act or these regulations to be submitted to the Secretary may be delivered to the Chief of the Bureau of Public Roads or his authorized representatives and, from the date of such delivery, shall be deemed submitted.

## RAILROAD AGREEMENT

This Agreement, made and entered into by and between the State Road Department of Florida, party of the first part, and Atlantic Coast Line Railroad Company, Seaboard Air Line Railway Company, Florida East Coast Railway Company and Louisville & Nashville Railroad Company, parties of the second part, witnesseth:

Whereas, said party of the first part is carrying on throughout the State of Florida a large program of highway improvement and construction; and

Whereas, the parties of the second part desire to co-operate with the party of the first part in the elimination as far as possible of grade crossing accidents; and

Whereas, the parties hereto recognized that these accidents usually occur on the main traveled highways; therefore

It is agreed by and between the parties hereto as follows:

The parties hereto will co-operate with each other in the establishment, construction, relocation and repair of highway crossings under the jurisdiction of said State Road Department upon the following terms and conditions:

### (1)

Whenever a State road crosses an existing railroad right-of-way, the State Road Department shall have the right to determine whether such State road and railroad shall cross each other at grade, or by over-pass or under-pass, under the terms and conditions of this agreement.

The State Road Department may, under this agreement, provide for the elimination of existing grade crossings of State roads over existing railroad tracks.

### (2)

When it is provided that an over-pass crossing of a highway over an existing railroad shall be established, either as a new project or as the improvement of an existing crossing, the railroad involved shall be responsible for one-half of the entire cost of the bridge which shall span the opening over the tracks of the railroad from abutment to abutment and including such abutments; and the State Road Department shall be responsible for the balance of the cost. The railroad company shall maintain the supporting abutments and bents of the bridge which shall span the opening over the tracks of the railroad from abutment to abutment; and the State Road Department shall maintain the balance of the structure. When an over-pass is constructed, it shall be constructed as to be sufficient to accommodate at least two railway tracks; this requirement may be waived and construction for one railway track provided for at the option of the railway company.

### (3)

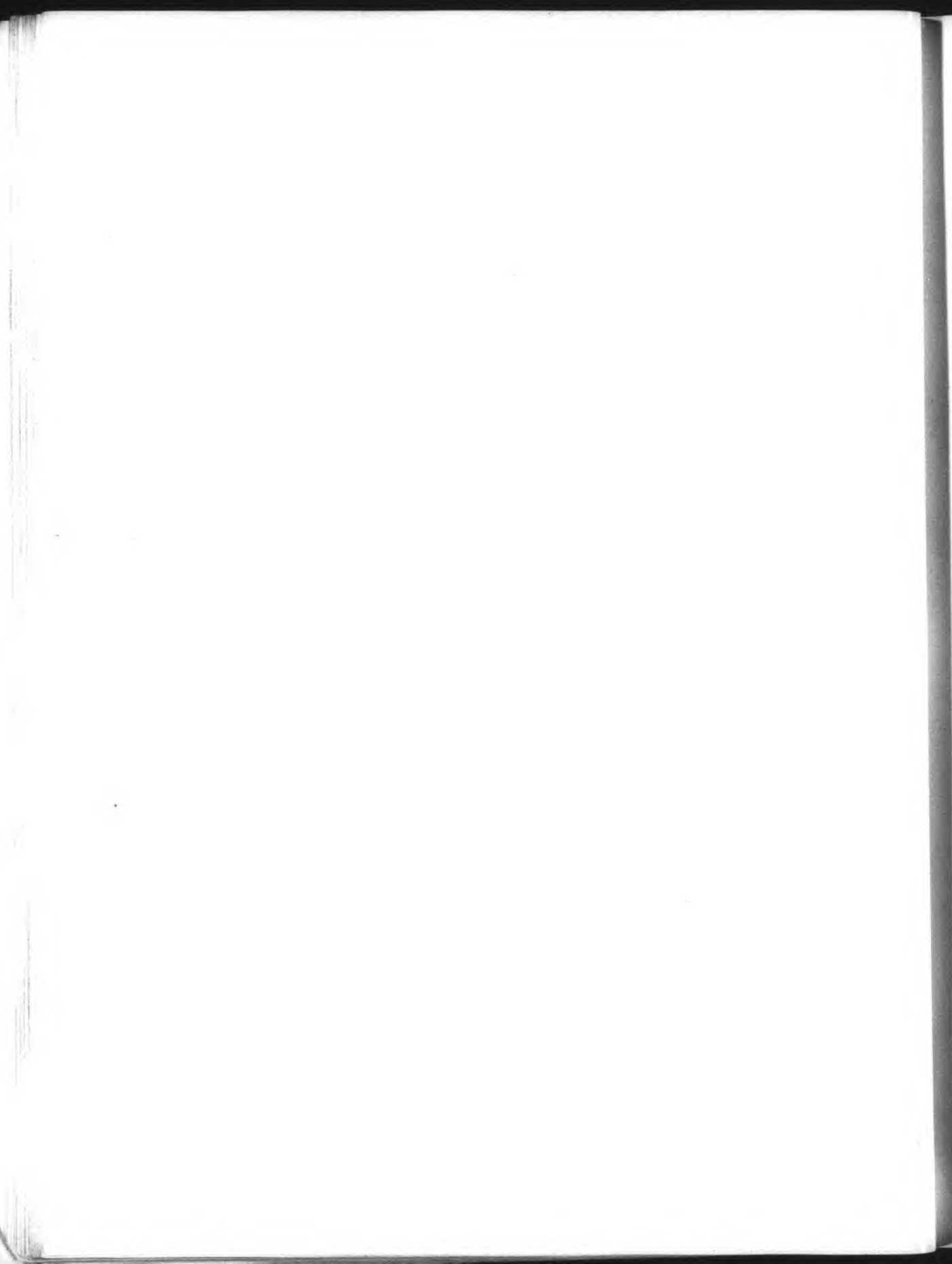
When it is provided that an under-pass crossing of a highway under an existing railroad shall be established, either as a new project or as the improvement of an existing crossing, the railroad involved shall be responsible for one-half of the expense of all excavations through the existing railroad fill of the railroad right-of-way and one-half of the complete cost of the structure necessary to carry the railroad tracks on the railroad right-of-way, including the foundation, substructure and the super-structure; and the State Road Department shall be responsible for the balance of the cost. The railroad company involved shall maintain the abutments and super-structure of such under-pass and the State Road Department shall maintain the roadway and drainage thereof. When an under-pass is constructed, it shall be so constructed as to be sufficient to accommodate at least two railway tracks; this requirement may be waived and construction sufficient for one railway track provided for at the option of the railway company.



Federal Aid, Road 5, Alafia River Bridge



Road 6, Sand Clay Slag Surface Treated



(4)

When it is provided that a crossing at grade shall be established over a railroad, either as a new project or as a re-location of an existing crossing, the railroad company involved shall be responsible for one-half of the cost of such crossing between points ten (10) feet beyond the end of the cross-ties on each side of its tracks; and the State Road Department shall be responsible for the balance of the cost. The railroad company involved shall maintain the crossing between points ten (10) feet beyond the end of the cross-ties on each side of its tracks and the State Road Department shall maintain the balance of the crossing.

(5)

Where a new line of railroad owned or controlled by the parties hereto crosses an existing highway under the jurisdiction of the State Road Department, unless said State Road Department and the railroad shall agree for a crossing at grade (in which event section four shall apply), the railroad shall have the right to elect whether said highway shall be carried over or under the proposed railroad track. In case it elects that the highway shall be carried over the railroad, then the State Road Department shall bear one-half of the cost of the bridge spanning the railroad tracks, from abutment to abutment, including abutments, and the railroad shall provide the necessary fills to restore the existing width of the highway roadbed for the highway approaching said bridge, which shall be on a grade of five per cent unless otherwise agreed upon, and shall co-operate with the State Road Department in the reconstruction of the pavement disturbed to an amount equal to the appraised value of the existing pavement so disturbed. In case the railroad shall elect that the railroad shall be carried over the highway, then, and in that event, the State Road Department shall pay one-half of the cost of the railroad bridge spanning the highway, including the abutments thereto, and the railroad shall provide such fills for its tracks approaching said bridge as may be necessary.

The same policy is to prevail as to elimination of grade crossings over new railroad construction as is applied in the case of old railroad construction; that is, the elimination of a grade crossing over new railroad construction will be required only under the same circumstances and conditions as would cause the elimination of a grade crossing over old construction, and there shall be no discrimination as between the two types of construction.

The construction of additional track or tracks on an existing right-of-way of an existing railroad shall not be considered new construction, but crossing of highways under the jurisdiction of the State Road Department over such multiple track lines shall be governed by the provisions of Sections one, two, three and four hereof.

(6)

No railroad shall be obligated under this proposal and its acceptance to expend in any one calendar year a sum exceeding one-fifth of one per cent of its total gross operating revenue derived from business in the State of Florida, both interstate and intrastate, for the calendar year next preceding; provided, that this clause shall not preclude consideration of any crossing improvement by any railroad company or companies in such improvement provided the exigencies of the case and the circumstances of the company or companies, in the judgment of its officers, warrant such improvement.

(7)

The agreement shall be effective from and after this, the 3rd day of July, A. D. 1924.

(8)

Whenever an overhead bridge, underpass, or grade crossing is substituted for an existing grade crossing, the existing grade crossing shall be eliminated, closed and vacated.

(9)

This agreement shall remain of force until terminated by one year's written notice from either party unto the other.

STATE ROAD DEPARTMENT OF FLORIDA,  
By H. B. Phillips, Chairman.

Attest: Ella Cleary Thompson, Secretary.

ATLANTIC COAST LINE RAILROAD COMPANY,  
By Lyman DeLano, Executive Vice-President.

SEABOARD AIRLINE RAILWAY COMPANY,  
By W. L. Stanley, Vice-President.

FLORIDA EAST COAST RAILWAY COMPANY,  
By H. N. Rodenbaugh, General Manager.

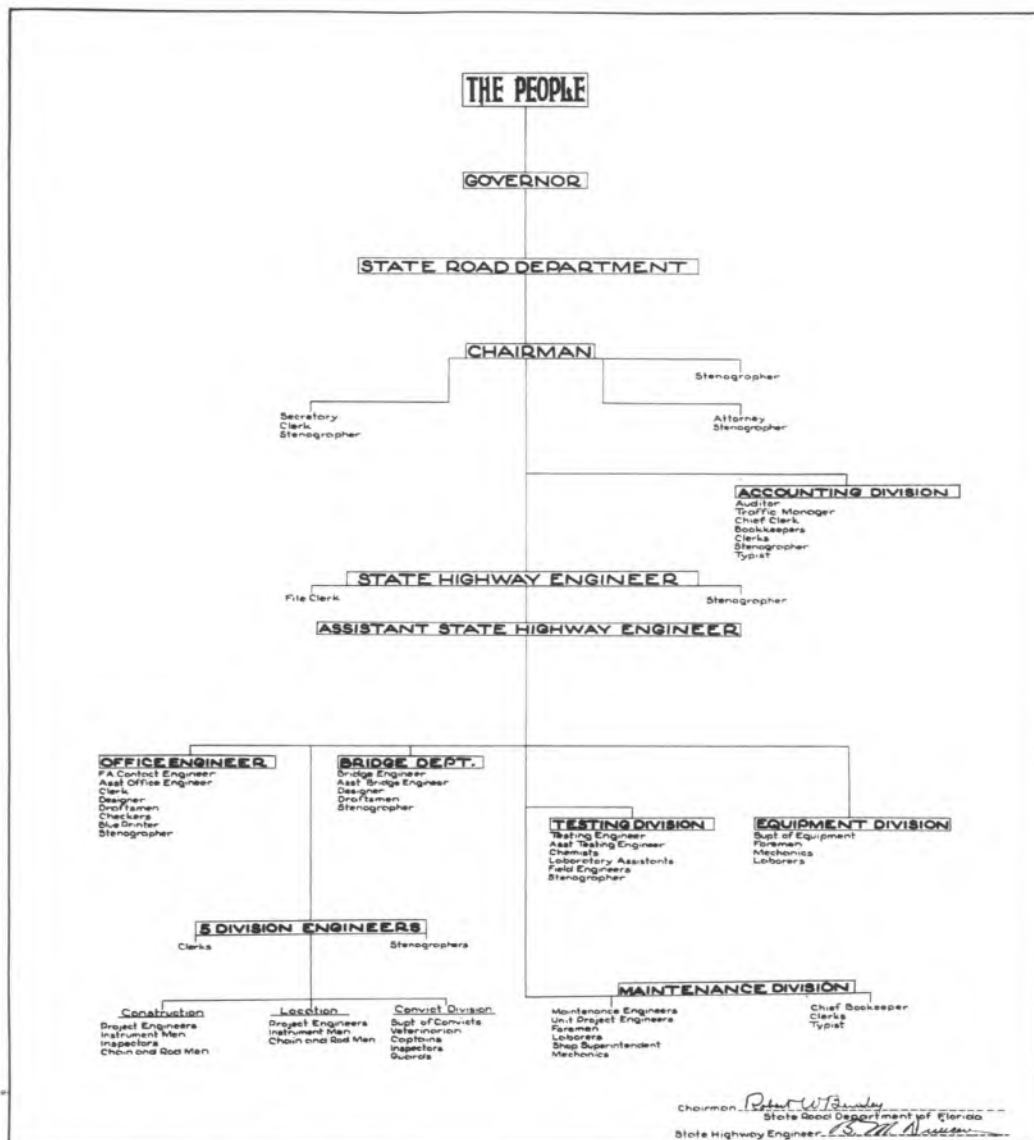
LOUISVILLE & NASHVILLE RAILROAD CO.,  
By W. L. Mapother, President.



Federal Aid, Road 17, Macasphalt On Rock Base



Road 1, A. C. L. Underpass





## STATE HIGHWAY ENGINEER'S REPORT

Hon. Robert W. Bentley, Chairman,  
State Road Department,  
Tallahassee, Florida.

Tallahassee, Florida.

Dear Sir:

I have the honor to submit to you the report of the State Highway Engineer for the period from January 1st, 1929, to December 31st, 1930.

Respectfully submitted,

B. M. DUNCAN,  
State Highway Engineer.

### ORGANIZATION

The State Road Department was organized in October, 1915, in accordance with the laws creating same. The Department is composed of five members, appointed by the Governor for a four-year term, and confirmed by the Senate. One member is appointed from each Congressional District and one from the State at large. At the first meeting in January the members elect one of their number to serve as chairman. The Chairman is the Chief Executive Officer and is on duty at all times, his official residence being at Tallahassee, Florida, where is located the headquarters of the Department. The Department is empowered by law to employ assistants for the prosecution of the work. These employees are a Secretary, State Highway Engineer, Bridge Engineer, Office Engineer, five Division Engineers, Auditor, Superintendent of Equipment, and such other assistants necessary for the proper prosecution of the work.

### SURVEYS AND PLANS

The first and one of the most important steps in the construction of highways, is the survey for the proper location. The Legislature at its session in 1923 enacted laws designating a State System of Highways. At each succeeding session the System has been altered and additions made until at the present it comprises approximately 8937 miles of highways. The Legislature designates the control points and the location of the road between these is left to the discretion of the Road Department. The Department is authorized to make surveys not only on the Preferential Systems but on such other roads as the counties may request and have money to build.

A strong effort is made by the Engineering Staff to select the very best possible location between the Official Control Points, always having in mind the service to the traveling public in the elimination of distance and in rendering the finished road as safe as possible. The terrain is studied to get the easiest curves both vertical and horizontal. After the general location is made a detailed study is made to determine the proper drainage of the highway and adjacent territory in order to control the water and protect the road. In addition a careful study of the soil conditions is being made in order to stabilize the road-bed before the pavement is constructed. This is one feature in road construction that too little attention has been paid to in the past. The Department has in the past two years done considerable work along this line especially in stabilizing the road-bed across muck ponds.

After the field work is complete it is sent into the Tallahassee office where detailed plans are prepared by the designers and draftsmen. The work requires considerable time in order that the most economical layout can be secured and an accurate estimate of all items and quantities can be made. The accompanying tables give the projects on which surveys and plans have been made during the past two years:

STATE ROAD DEPARTMENT OF FLORIDA

Plans Prepared for Roads—1929

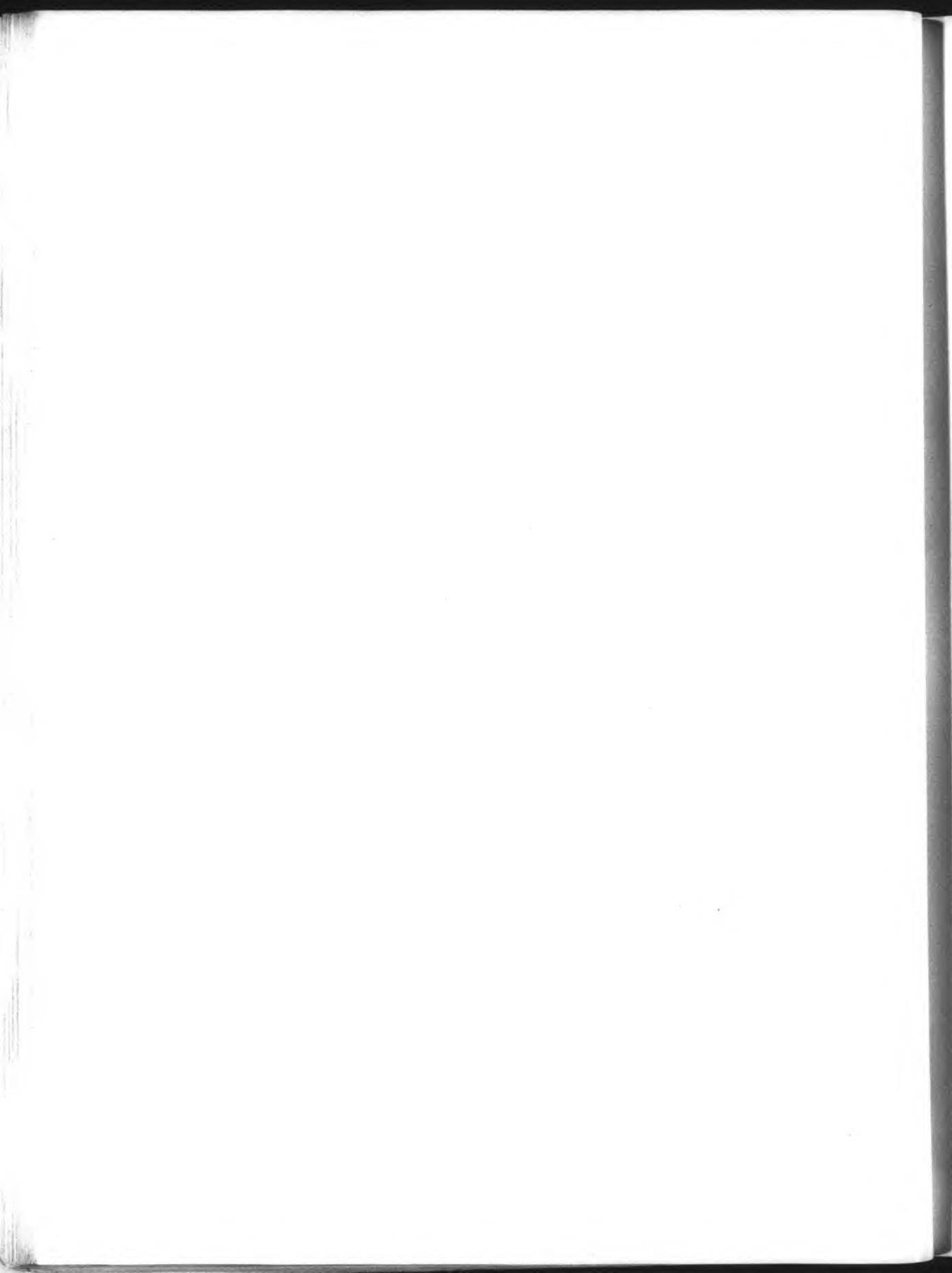
Project	Road	County	Length
53-D	2	Lake .....	4.48
62-C	24	Osceola .....	11.83
63-A	4	Palm Beach .....	9.21
64-A	17	Hillsboro .....	9.60
64-C	17	Hillsboro .....	9.61
695	2	Lake .....	.40
710-D	17	Hillsboro .....	6.00
750	14	Gilchrist .....	12.97
792-D	15	Citrus .....	7.99
792-C	15	Citrus .....	7.04
832	10	Santa Rosa .....	16.01
833	10	Santa Rosa .....	8.01
839	43	Jefferson .....	13.26
844-C	115	Escambia .....	5.63
846	19	Taylor .....	10.26
850	84	Jackson .....	14.90
854	60	Walton .....	9.81
855	60	Walton .....	9.32
868-A	5	Levy .....	7.05
		Palm Beach .....	50.59
Total Miles .....			223.97



Road 28, Rock Base Stone Surface Treated



Federal Aid, Road 4, Middle River Bridge



# STATE ROAD DEPARTMENT OF FLORIDA

Plans Prepared for Roads, December 31, 1930

Project	Road	County	Length
57	3	Duval .....	3.40
60-A	4	Flagler .....	11.75
60-C	4	Volusia .....	9.53
62-A	24	Osceola .....	12.24
62-D	24	Osceola .....	12.66
62-C	24	Osceola .....	11.09
63-C	4	Broward .....	13.27
72-A	28	Putnam .....	11.17
72-C	28	Flagler .....	11.79
73-A	17	Polk .....	3.66
73-C	17	Polk .....	5.22
73-D	17	Polk .....	9.92
74-A	2	Orange .....	14.34
76	5	Hillsboro .....	13.49
77	1	Jackson .....	10.00
535	5-A	Lafayette .....	13.10
589-A	5	Charlotte .....	1.89
677-B	13	Levy .....	12.58
695	2	Lake .....	2.48
698	19	Leon .....	12.45
708	11	Jefferson .....	7.98
720	11	Jefferson .....	9.70
745	19	Taylor .....	15.95
801	48	Bradford .....	11.78
806-A	25	Hendry .....	11.00
806-C	25	Hendry .....	11.00
806-D	25	Hendry .....	12.69
857	53	Santa Rosa .....	19.10
859	35	Taylor .....	12.14
865	103	Alachua .....	3.25
868-C	5	Levy .....	12.33
869	29	Glades .....	9.04
869	29	Glades .....	9.04
870	143	Palm Beach .....	10.88
875	23	Hernando ..	10.14
876-A	78	Duval .....	8.00
876-C	78	St. Johns .....	19.20
878	70	Gilchrist .....	8.00
927	0	Jackson .....	1.86
Total Miles .....			399.09

## FEDERAL AID

On June 11, 1916, Congress enacted a law creating the Bureau of Public Roads as a branch of the Department of Agriculture. The purpose of the Bureau is to cooperate with the Highway Departments of the several states and territories, in the construction of roads within the States. Each year an appropriation is made to cover the cost of this work. After deducting sufficient money to administer the Bureau, the appropriation is allotted to the several states, in the following manner: One-third in ratio of the State's population to the population of the United States; one-third in ratio of the State's area to the area of the United States and one-third in ratio of the road mileage of the State to the road mileage of the United States. It can be seen that on this proportion only one thing is variable—that is the population. The road mileage as originally certified by the State remains the same.

Not all State Roads may receive Federal Aid. The Bureau of Public Roads, with the consent of the States, approved a certain system as the Federal System, this being One-Seventh of the total mileage certified. This system is known as the Seven Per Cent System or the Federal System of Highways. It is further divided, three-sevenths being Primary or Interstate Road and four-sevenths being Secondary, or Intrastate Roads. In construction, preference was to be given to the Primary Roads. Not all of the Federal System has been built as Federal Projects for the reason that the early completion of the main roads would have been retarded, due to the limited Federal Funds made available. The table given herein shows the total appropriation to the States as well as the amount Florida has been allotted each year. The allotment has equaled practically 10% of the income of the Department—consequently many projects on the Federal System were of necessity built entirely of State Funds.

Elsewhere in this report is printed the Rules and Regulations of the Secretary of Agriculture, covering Federal Construction. It will help the layman's knowledge to recite briefly the operation of the Federal Projects. The Department decides that a certain stretch of Road on the Federal System should be built and passes a resolution asking the the Bureau to participate. The survey and location is made and a Project Statement is submitted. With this in hand the Bureau's Representative makes an inspection and Route Report. If the location is satisfactory, detailed plans and estimates are prepared and submitted to the Bureau for approval. When approved, a contract is let for the work and construction begins. An instrument called a Project Agreement is executed by the Secretary of Agriculture and the Department setting forth the amount of money that will be assigned to this particular project out of the General Allocation of the State. As the work progresses the Department, out of its funds, pays the contractors' monthly estimates and is reimbursed by the Government its pro rata share. The Bureau participates in the construction of Bridges to the extent of fifty per cent and on Roads to an extent of \$15,000.00 per mile. The balance of the cost is borne by the State. The participation covers the actual construction as the Bureau does not participate in the Surveys nor in the maintenance after the road is constructed. However, the Government requires that the State Adequately maintain all projects in which they participate.

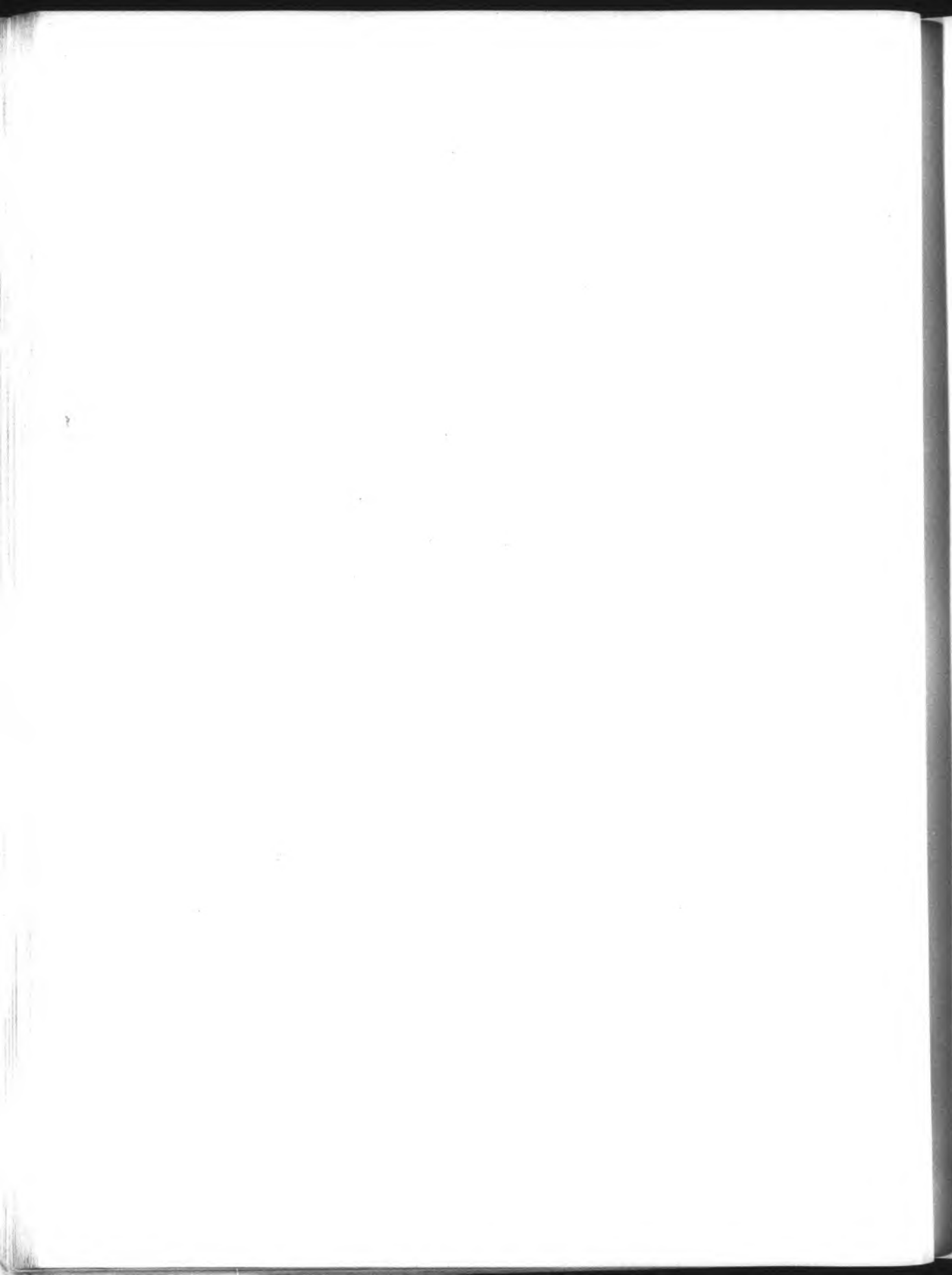
There is herein given a table which shows the projects in which the Federal Government has participated and the amounts granted and secured.



Road 29, Grading in the Everglades



Federal Aid, Road 1, Escambia Bay Bridge





STATE ROAD DEPARTMENT OF FLORIDA  
UNITED STATES BUREAU OF PUBLIC ROADS

Summary of Appropriation

Year	Entire United States	Total of Florida
1917 .....	\$ 5,000,000.00	\$ 55,976.27
1918 .....	10,000,000.00	111,952.54
1919 .....	65,000,000.00	744,521.08
1920 .....	95,000,000.00	1,090,214.67
1921 .....	125,000,000.00	1,147,447.92
1922 .....	50,000,000.00	886,825.69
1923 .....	50,000,000.00	599,221.13
1924 .....	65,000,000.00	771,395.18
1925 .....	75,000,000.00	887,336.52
1926 .....	75,000,000.00	892,878.00
1927 .....	75,000,000.00	897,185.00
1928 .....	75,000,000.00	903,590.00
1929 .....	75,000,000.00	901,311.00
1930 .....	75,000,000.00	909,235.00
1931 .....	75,000,000.00	921,558.00
1932 .....	125,000,000.00	1,543,232.00
Totals .....	\$1,115,000,000.00	\$13,263,880.00

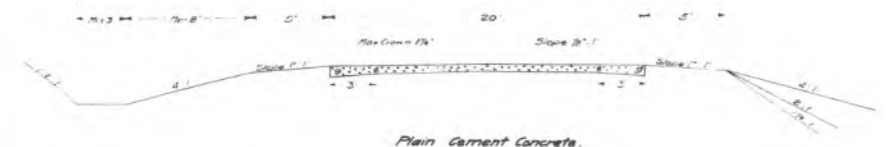
**STATE ROAD DEPARTMENT OF FLORIDA**  
**Record of Federal Aid Projects to December 31, 1930**

Road No.	Proj. No.	County	Length Miles	Type	Total Amount Estimated	Amount Requested	Amount Granted	Amount Secured	Final Payment Made
1	1	Okaloosa	10.45	Sand Clay	\$ 34,083.28	\$ 17,041.64	\$ 17,041.64	\$ 16,938.10	May 1919
2	2	Osceola	4.12	Brick	69,678.53	20,000.00	20,000.00	20,000.00	April 15, 1925
1	3	Gadsden-Jackson	0.19	Concrete Arch.	417,031.12	208,515.56	208,515.56	208,515.56	Nov. 25, 1924
2	4	DeSoto	3.03	Concrete	66,005.98	30,000.00	30,000.00	30,000.00	Mar. 14, 1925
18	5	DeSoto	2.50	Concrete	46,879.17	20,000.00	20,000.00	20,000.00	May 15, 1926
1	6-A	Madison	5.449	Earth Graded					
1	6-B	Jefferson-Madison	0.078	Concrete Bridges	357,145.38	112,103.86	112,103.86	97,285.93	
1	7-A-B	Hamilton	13.047	Rock Base, Concrete Arch.	467,299.91	227,826.56	227,826.56	217,421.13	Aug. 8, 1927
2	8	Alachua	11.73	Bituminous Macadam	217,155.38	108,577.69	108,577.69	108,577.69	Sept. 29, 1923
1	9	Holmes	5.11	Sand Clay	25,525.06	12,762.53	12,762.53	12,762.53	Mar. 1, 1921
1	11	Baker-Nassau-Duval	15.40	Concrete	560,421.41	281,710.70	281,710.70	248,400.01	Feb. 18, 1927
2	13	Orange	8.59	Sheet Asphalt	305,686.15	152,843.07	152,843.07	133,359.88	Oct. 25, 1926
1	14-A-B	Santa Rosa	6.40	Brick, Concrete and Steel	284,174.26	142,087.13	142,087.13	139,691.18	Sept. 15, 1923
2	15	DeSoto	3.26	Concrete	54,570.67	20,000.00	20,000.00	20,000.00	May 28, 1926
18	16	DeSoto	0.67	Concrete	11,798.80	5,899.40	5,899.40	5,245.57	May 28, 1926
5	17	Manatee	7.87	Bituminous Macadam	264,953.11	132,476.55	132,476.55	103,867.12	July 29, 1926
3	18	Putnam	12.79	Bituminous Macadam	454,730.74	227,365.37	227,365.37	209,245.28	Feb. 18, 1927
2	19-A	Hamilton	8.162	Rock Base Surface Treated					
2	19-B	Hamilton	0.032	Concrete Bridges	239,766.77	114,414.27	114,414.27	107,132.39	Aug. 29, 1927
1	20	Holmes-Washington	0.38	Concrete	370,976.46	185,488.23	185,488.23	154,128.95	Aug. 20, 1926
1	21-A	Baker	5.70	Concrete					
1	21-B	Baker	0.064	Concrete Bridges	234,656.07	117,328.03	117,328.03	102,240.83	May 28, 1926
1	22	Baker	8.90	Concrete	284,984.50	142,492.25	142,492.25	126,671.93	Aug. 16, 1926
1	23	Duval	12.80	Concrete	467,017.29	233,508.64	233,508.64	220,570.86	Sept. 11, 1924
1	24	Columbia	8.98	Bituminous Macadam	348,171.92	174,085.96	174,085.96	143,595.12	June 5, 1924
2	25	Columbia	11.10	Concrete	370,697.14	178,358.52	178,358.52	167,785.81	July 30, 1928
2	27-A-B	Columbia	12.36	Concrete	541,991.98	252,245.22	252,245.22	252,245.22	Nov. 28, 1924
5	29-A-B	Hillsboro	0.06	Concrete	148,680.79	74,340.39	74,340.39	74,340.39	June 26, 1926
2	30	Columbia	0.061	Concrete-Steel	53,983.38	26,991.69	26,991.69	26,991.69	Mar. 31, 1924
2	31	Hamilton	11.81	Rock Base Surface Treated	294,287.60	144,982.64	144,982.64	138,448.65	Aug. 9, 1927
4	32	Nassau	10.00	Bituminous Macadam	369,717.21	184,858.60	184,858.60	179,131.29	Oct. 13, 1926
2	33	Alachua	12.60	Bituminous Macadam	358,844.39	179,422.19	179,422.19	171,863.17	May 28, 1926
7	34	Escambia	10.00	Concrete	297,291.77	148,645.88	148,645.88	139,795.19	Feb. 28, 1925
1	35	Escambia	5.00	Concrete	152,411.86	76,205.93	76,205.93	72,890.22	Feb. 27, 1925
4	36-A	St. Lucie	7.76	Bituminous Macadam	276,924.40	138,462.20	138,462.20	138,462.20	Mar. 15, 1927
4	36-B	St. Lucie	7.12	Concrete	288,228.60	142,420.00	142,420.00	138,738.49	Aug. 25, 1927
2	37-A-C	Alachua	3.96	Sheet Asphalt	180,779.29	90,300.93	90,300.93	87,880.36	Oct. 26, 1926
2	37-B	Alachua	0.189	Concrete	39,256.28	19,628.14	19,628.14	9,540.36	Dec. 26, 1928
2	37-D	Alachua	2.14	Rock Base Surface Treated	172,898.02	48,347.07	48,347.07	48,184.57	Dec. 20, 1927
2	37-E	Alachua	7.96	Sheet Asphalt	332,870.41	159,240.00	159,240.00	159,240.00	Oct. 21, 1925
1	38-A	Escambia	3.20	Timber Bridges					
				Approach Embankment	1,061,100.73	530,550.36	530,550.36	491,681.26	Dec. 13, 1927
1	38-B	Escambia	0.29	Steel Bridge					
4	39-A-B	Brevard-St. Lucie	0.426	Concrete and Dredged Embankment	232,913.55	116,456.77	116,456.77	113,419.87	Dec. 13, 1927
4	40-A	Brevard	16.169	Rock Base Surface Treated	446,546.93	223,273.46	223,273.46	223,273.46	Jan. 21, 1928
4	40-B	Brevard	0.025	Concrete	58,631.83	29,315.91	29,315.91	0.00	
4	40-D	Brevard	6.727	Rock Base Surface Treated	158,783.06	79,391.53	79,391.53	78,601.17	Feb. 13, 1928
4	40-E	Brevard	13.596	Rock Base Surface Treated	315,218.29	157,609.14	157,609.14	157,609.14	Mar. 21, 1927
4	41-A	Dade	12.00	Sheet Asphalt	692,319.40	214,906.05	214,906.05	214,006.05	Oct. 25, 1928
4	41-B	Dade	0.043	Concrete-Steel	108,036.83	54,018.41	54,018.41	50,397.84	July 23, 1930
2	43	Marion	10.534	Sheet Asphalt	381,991.44	173,581.29	173,581.29	171,195.12	Jan. 21, 1928
2	44	Lake	10.529	Bituminous Concrete	395,611.38	165,565.84	165,565.84	165,557.71	Jan. 21, 1928

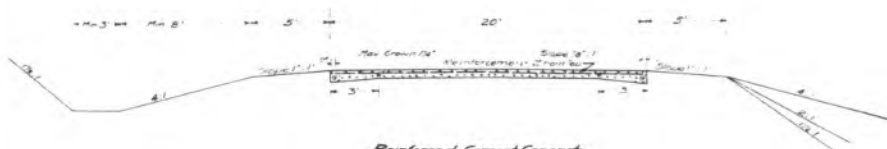
STATE ROAD DEPARTMENT OF FLORIDA  
Record of Federal Aid Projects to December 31, 1930—Continued

Road No.	Proj. No.	County	Length Miles	Type	Total Amount Estimated	Amount Requested	Amount Granted	Amount Secured	Final Payment Made
1	45	Suwannee-Hamilton	0.173	Concrete-Steel	\$ 124,902.27	\$ 62,451.13	\$ 62,451.13	\$ 60,706.17	Oct. 23, 1930
3	46	Nassau	11.526	Concrete	495,071.06	197,195.15	197,195.15	196,348.25	April 16, 1928
4	47	St. Johns	14.88	Concrete	575,344.40	241,071.37	241,071.37	241,068.81	July 2, 1928
4	48-A	St. Johns	15.885	Rock Base Surface Treated	474,454.83	234,675.00	234,675.00	225,937.75	Aug. 8, 1928
4	48-B	St. Johns	0.086	Concrete	82,700.91	41,350.45	41,350.45	40,221.04	July 7, 1928
4	49-A	Flagler	13.774	Rock Base Surface Treated	435,829.97	217,914.96	217,914.96	216,883.12	Aug. 8, 1928
4	49-B	Flagler	0.039	Concrete Bridges	249,606.55	117,371.26	117,371.26	115,922.74	Jan. 15, 1929
14	50-A	Putnam	6.556	Rock Base Surface Treated	310,949.01	155,474.50	155,474.50	155,474.50	Jan. 5, 1929
14	50-B	Putnam	9.778	Rock Base Surface Treated	268,014.78	134,007.39	134,007.39	133,495.12	Dec. 12, 1928
14	50-C	Putnam	10.030	Concrete	206,575.47	94,302.00	94,302.00	94,260.00	July 11, 1927
7	51	Escambia	6.287	Earth Graded and Concrete Surfaced	448,111.92	151,275.00	151,275.00	127,657.35	Aug. 11, 1930
1	52	Escambia	10.085	Bituminous Concrete	347,881.07	106,620.00	106,620.00	106,620.00	Sept. 17, 1930
2	53-A	Lake	7.108	Concrete Deck-Girder	112,903.37	56,451.68	56,451.68	54,671.60	
2	53-B	Lake	0.127	Bituminous Concrete	113,087.04	28,095.00	28,095.00	24,286.53	
2	53-C	Lake	1.870	Graded Earth	89,131.49	44,565.74			
2	53-D	Lake	4.488	Rock Base Surface Treated	131,688.98	60,844.49	60,844.49	60,844.49	July 2, 1928
1	54-A	Leon	6.236	Concrete Bridges	402,804.22	201,402.10	201,402.10	199,032.78	Sept. 12, 1930
14	55-A	Alachua	16.120	Concrete	415,722.75	207,861.37	207,861.37	192,142.16	Nov. 25, 1929
14	55-B	Alachua	0.315	Graded Earth	158,219.90	86,915.25			
10	56	Leon	17.928	Rock Base Surface Treated	132,835.49	66,417.74	66,417.74	61,375.50	June 18, 1928
3	57	Nassau-Duval	3.469	Concrete	230,381.36	115,190.68	115,190.68	104,056.54	May 4, 1929
1	58	Jefferson	6.309	Concrete	236,044.21	118,022.10	118,022.10	94,572.89	Dec. 6, 1929
1	61-A	Gadsden	9.770	Rock Base Surface Treated	354,603.22	177,301.60	177,301.60	120,403.18	
24	62-A	Osceola	12.247	Rock Base Surface Treated	352,586.30	176,293.14	176,293.14	147,858.41	
24	62-C	Osceola	12.091	Rock Base Surface Treated	434,542.44	209,882.69	209,882.69	56,094.76	
24	62-D	Osceola	12.664	Concrete	264,747.95	132,373.97	132,373.97	113,645.15	
4	63-A	Broward	9.212	Concrete-Girder Bridge	177,802.85	88,901.42	88,901.42	62,335.74	
4	63-B	Palm Beach-Broward	0.100	Concrete	470,941.54	199,125.00	199,125.00	139,239.63	
4	63-C	Broward	13.275	Concrete	224,878.51	112,439.25	112,439.25	93,792.21	
17	64-A	Hillsboro	8.664	Concrete	239,707.82	119,853.91	119,853.91	104,700.80	
17	64-C	Hillsboro	9.610	Steel I-Beam Bridge	103,856.44	51,928.22	51,928.22	43,983.72	
5	65	Hillsboro	0.080	Rock Base Surface Treated and Concrete Bridge	129,023.81	62,893.11	62,893.11	0.00	
5	66	Sarasota	0.826	Concrete Bridges	156,135.89	78,067.94	78,067.94	57,150.15	
50	67	Suwannee-Hamilton	0.257	Concrete Bridge	990,151.19	495,075.59	495,075.59	158,355.19	
4	68-A	Palm Beach-Broward	0.055	Rock Base Surface Treated and Concrete Bridge	74,474.19	37,237.09			
5	70	Charlotte	1.290	Macaspphalt	89,482.19	44,741.09	44,741.09	37,152.75	
4	71	Brevard	0.214	Concrete Bridges	43,984.53	21,992.26	21,992.26	18,338.88	
17	73-A	Polk	3.666	Concrete	289,219.78	134,426.98			
17	73-B	Polk	0.057	Bituminous Concrete	385,140.38	188,838.83	188,838.83	160,875.06	
17	73-D	Polk	9.922	Concrete Bridges and Embankment	130,068.81	65,034.40	65,034.40	0.00	
2	74-A	Orange	14.434	Steel and Concrete Bridges	258,417.08	129,208.54	129,208.54	92,543.04	Mar. 3, 1929
27	75	Collier	0.692	Earth Graded	87,840.23	26,387.37	26,387.37	26,387.37	May 5, 1930
3	421	Nassau	0.106						
54	Forest 2-B	Okaloosa	13.580						
Totals			637.161		\$21,612,594.72	\$11,587,122.36	\$11,283,977.30	\$9,855,362.67	

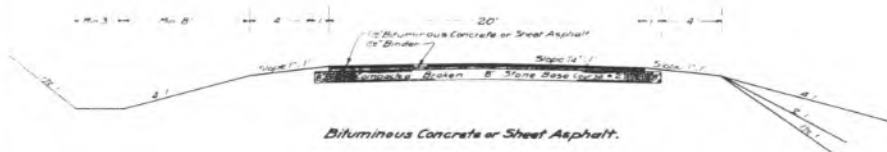
## TYPICAL SECTIONS



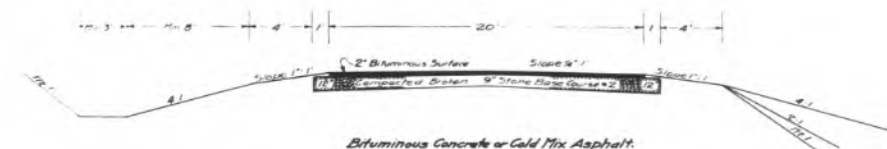
*Plain Cement Concrete.*



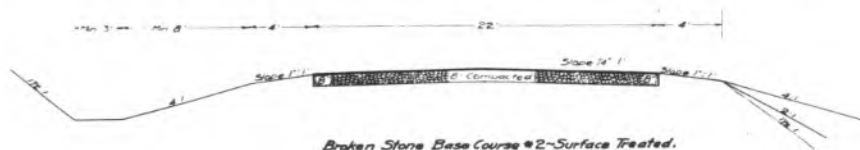
*Reinforced Cement Concrete.*



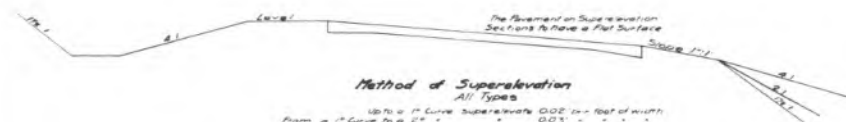
*Bituminous Concrete or Sheet Asphalt.*



*Bituminous Concrete or Cold Mix Asphalt.*



*Broken Stone Base Course #2-Surface Treated.*



*Method of Superelevation*

Up to 14' Curve Superelevation		0.02' or less of width
Figure 10	Curve No. 10	0.02
1	2	0.03
2	3	0.04
3	4	0.05
4	5	0.06
5	6	0.07
6	7	0.08

## CONSTRUCTION

The State Road Department as a Branch of the State is for the purpose of giving to the State and the strangers within the State a System of roads that will readily afford a means of egress and ingress from one part of the State to another over a system of Roads that are so designed to serve the travel in as economical a way as possible.

The general direction of all road construction is carried on through the Headquarters Office in Tallahassee, under the Chief Engineer and Assistants. The actual Field Operations are in charge of the several Division Engineers. As indicated heretofore the Surveys are made under the supervision of the Division Engineers and when the work is begun, it is necessary that the alignment be restaked as well as construction stakes be set. All the materials that go into the road are tested and the Project Engineers obtain the necessary samples and submit them to the Testing Engineers who test them to see if the proposed materials conform to the specifications.

The Specifications adopted by the State Highway Department, and approved by the Bureau of Public Roads, are recognized as standard and the results that are being obtained in the field would indicate that the state is obtaining a high quality of work under these Specifications.

Considering the topography of Florida, from the layman's viewpoint, it would seem that the construction of roads in Florida would be comparatively simple, but such is not the case. There are numerous streams and rivers that have to be crossed which necessitates large and costly bridge structures. The foundations for these bridges are often quite unstable, which increases the cost of the structure and presents many difficult problems. The State attempts, as far as possible, to determine, before the actual construction begins, the nature of the foundation and the money invested in preliminary studies enables the structure to be designed in such a manner as to meet the conditions adequately, as well as being economical.

In the construction of Roads in Florida, difficulties are encountered due to the extreme precipitation that occurs as well as the nearness of the water table to the surface of the ground. Then, too, many sections of the State are dotted with muck ponds which produce very unstable foundations. The Department tries in every way to stabilize the foundation, as it realizes that ultimately all loads are carried by the foundations, and regardless of the type of surface, failures will occur if the foundations are not properly prepared.

The Road Department is probably the one agency of the State whose expenditures affect the greatest number of people. Every dollar expended by the Department in road-building finds its way to the tradespeople. Realizing this, it has been the policy of the Road Department to try, as far as possible, to use local materials in the construction of its roads and bridges. It will be noted from the tables that a great many miles of roads have been built using Florida Lime Rock as a base. During the past two years experiments have been conducted with other local materials with very satisfactory results, the idea being to keep Florida's dollars in Florida. All things else being equal, it has been the policy of the Department to favor local materials.

From the tables herein published the value of work completed, both roads and structures are indicated as well as the work that was in progress at the end of this Biennium. Particular attention is called to the table which shows the Status of Construction of the First and Second Preferential Systems. The First System comprises 2,406.26 miles and the Second System, 874.24 miles. These Systems, under the Law, are to be first built and a glance at the table will indicate just what work has been done and the work yet remaining to be done.

**STATE ROAD DEPARTMENT OF FLORIDA**  
**Road Projects Completed to December 31, 1930**

Proj. No.	Road No.	County	Length Feet	Type	Cost	County Participation
1	1	Okaloosa	10.40	Sand Clay Surface Treated	\$ 33,901.45	\$ 9,989.40
2	2	Osceola	4.13	Brick Surface Treated	125,693.90	15,783.38
4	2	DeSoto	3.03	Concrete	92,576.69	62,017.12
5	18	DeSoto	2.50	Concrete	50,431.49	45,542.38
6	1	Madison	5.21	Rock Base Surface Treated	198,310.98	2,500.00
7	2	Hamilton	13.00	Rock Base Surface Treated	325,348.29	78,926.15
8	2	Alachua	11.73	Bituminous Macadam	250,517.42	49,918.10
9	1	Holmes	5.11	Sand Clay Surface Treated	50,993.19	9,987.47
11	1	Baker-Nassau-Duval	15.39	Concrete	460,326.53	19,393.03
13	2	Orange	8.59	Sheet Asphalt	287,517.51	0.00
14	1	Santa Rosa	6.02	Brick	224,297.62	64,546.27
15	2	DeSoto	3.28	Concrete	70,356.13	46,000.00
16	18	DeSoto	9.17	Rock Base Surface Treated	127,133.45	18,500.00
17	5	Manatee	7.07	Bituminous Macadam	202,712.75	0.00
18	3	Putnam	12.80	Bituminous Macadam	456,110.33	143,543.42
19	2	Hamilton	8.20	Rock Base Surface Treated	242,658.59	78,926.15
21	1	Baker	5.68	Concrete	171,713.65	19,393.02
22	1	Baker	8.90	Concrete	250,774.05	16,333.03
23	1	Duval	12.80	Concrete	450,813.63	0.00
24	1	Columbia	9.89	Bituminous Macadam	295,706.67	87,000.00
26	2	Columbia	11.01	Concrete	377,386.39	20,000.00
27	2	Columbia	12.35	Concrete	519,384.53	126,452.78
31	2	Hamilton	11.86	Rock Base Surface Treated	353,704.31	6,658.89
32	4	Nassau	10.00	Bituminous Macadam	371,409.03	0.00
33	2	Alachua	12.60	Bituminous Macadam	373,977.67	177,467.14
34	7	Escambia	10.00	Concrete	285,467.45	139,901.08
35	1	Escambia	5.00	Concrete	148,508.91	84,950.54
36-A	4	Indian River	7.76	Bituminous Macadam	314,037.74	52,500.00
36-B	4	Indian River	7.12	Concrete	290,540.66	52,500.00
77-A-C	2	Alachua	3.96	Sheet Asphalt	171,145.32	52,268.99
37-D	2	Alachua	2.14	Rock Base Surface Treated	244,427.61	28,246.37
37-E	2	Alachua	7.96	Sheet Asphalt	332,865.34	110,983.40
40-A	4	Brevard	16.17	Rock Base Surface Treated	661,000.19	88,626.96
40-D	4	Brevard	6.72	Rock Base Surface Treated	209,394.59	36,831.98
40-E	4	Brevard	13.60	Rock Base Surface Treated	370,060.16	74,541.06
41	4	Dade	12.00	Sheet Asphalt	804,387.30	0.00
43	2	Marion	10.44	Sheet Asphalt	347,636.59	12,520.85
44	2	Lake	10.52	Bituminous Concrete	387,044.94	267,230.33
46	3	Nassau	11.52	Concrete	523,864.76	0.00
47	4	St. Johns	14.88	Concrete	606,752.15	0.00
48	4	St. Johns	15.39	Rock Base Surface Treated	585,655.08	0.00
49	4	Flagler	13.81	Rock Base Surface Treated	439,806.25	0.00
50-A	14	Putnam	6.18	Rock Base Surface Treated	168,540.11	114,477.45
50-B	14	Putnam	9.77	Rock Base Surface Treated	352,194.05	180,978.24
50-C	14	Putnam	10.03	Rock Base Surface Treated	273,756.32	185,794.31
51	7	Escambia	6.23	Concrete	194,139.10	47,046.96
52	1	Escambia	10.00	Concrete	490,118.51	150,000.00
53-A	2	Lake	8.01	Bituminous Concrete	314,502.00	177,325.00
53-C	2	Lake	1.85	Bituminous Concrete	188,672.66	43,010.00
54	1	Leon	13.00	Concrete	510,748.56	140,000.00
55	14	Alachua	16.12	Rock Base Surface Treated	357,680.90	203,393.84
56	10	Leon	17.98	Concrete	537,444.39	249,485.04
58	1	Jefferson	12.53	Rock Base Surface Treated	404,274.84	100,000.00
59	1	Jefferson	9.01	Concrete	369,030.98	0.00
61-A	1	Gadsden	10.00	Concrete	298,006.27	72,500.00
61-C	1	Gadsden	9.77	Concrete	363,728.83	72,500.00
62-C	24	Osceola	11.83	Rock Base Surface Treated	406,084.91	91,666.00
64-A	17	Hillsboro	9.60	Concrete	353,447.69	0.00
64-C	17	Hillsboro	9.61	Concrete	329,715.02	0.00
500-A	20	Bay	10.00	Concrete	383,576.85	377,248.53
501	6	Calhoun	12.00	Sand Clay Surface Treated	231,850.81	0.00
501-C	6	Calhoun	15.00	Sand Clay Surface Treated	105,998.54	0.00
501-D	6	Calhoun and Gulf	14.20	Sand Clay Surface Treated	143,167.89	0.00
502	6	Gulf	6.94	Rock Base Surface Treated	203,963.71	0.00
503	2	Charlotte	20.18	Marl	145,521.52	0.00
504	1	Columbia	9.15	Rock Base Surface Treated	242,735.51	19,727.94
505	2	Columbia	11.08	Rock Base Surface Treated	217,864.19	33,379.71
507	4	Flagler-Volusia	9.15	Rock Base Surface Treated	240,123.78	34,474.89
510	5	Hillsboro	9.20	Asphalt Block	255,976.44	0.00
511	5	Hillsboro	11.00	Asphalt Block	1,046,885.85	0.00
512	5	Hillsboro	3.00	Asphalt Block	21,492.56	0.00
514	1	Jackson	11.04	Sand Clay Surface Treated	99,263.04	0.00
518	5-A	LaFayette	17.57	Rock Base Surface Treated	415,845.36	157,370.00
519	5	Manatee	3.50	Bituminous Macadam	105,314.66	0.00
520	2	Marion	15.53	Rock Base Surface Treated	255,532.58	18,625.35
521	4	Nassau	12.41	Rock Base Surface Treated	475,490.08	0.00
523	8	Okeechobee	18.46	Rock Base Surface Treated	444,376.95	0.00
529	1	Suwannee	12.14	Concrete	424,289.03	0.00

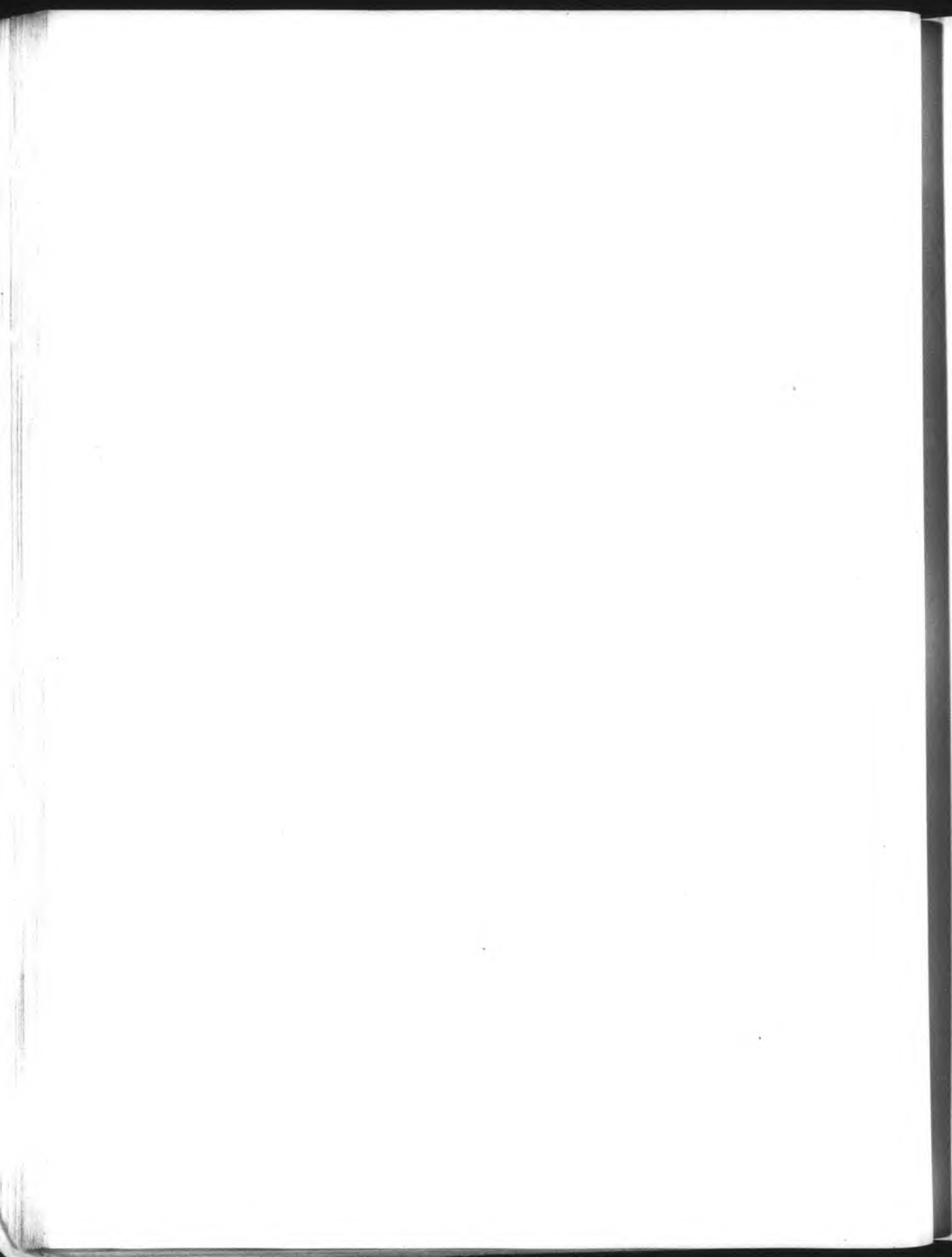




Federal Aid, Road 24, Rock Base Crushed Gravel Surface Treated



Road 5, Withlacoochee River Bridge





STATE ROAD DEPARTMENT OF FLORIDA  
Road Projects Completed to December 31, 1930—Continued

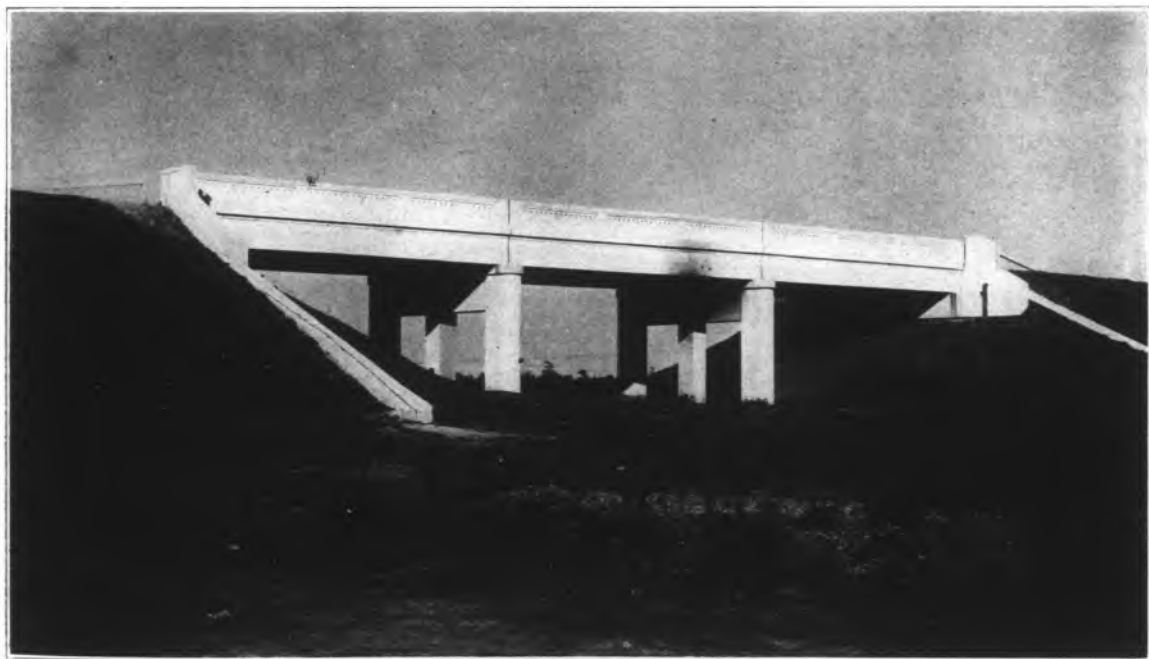
Proj. No.	Road No.	County	Length Feet	Type	Cost	County Participation
532	3	Volusia	18.90	Rock Base Surface Treated	\$ 332,255.78	\$ 133,333.27
533	1	Suwannee	13.47	Rock Base Surface Treated	376,777.52	0.00
534	24	Brevard	14.50	Rock Base Surface Treated	711,448.93	120,000.00
537	23	Marion	6.93	Rock Base Surface Treated	15,462.00	0.00
538	2	Marion	10.92	Rock Base Surface Treated	181,227.44	13,096.55
539	5	Marion	11.30	Rock Base Surface Treated	87,624.13	0.00
543	3	Seminole	15.50	Bituminous Macadam	592,661.32	13,000.00
544	5	Pasco	20.08	Rock Base Surface Treated	457,778.80	0.00
545	5	Hernando	9.51	Sheet Asphalt	303,782.81	89,899.09
546	4	Brevard	5.00	Rock Base Surface Treated	129,221.16	25,496.09
548	5	Levy	18.00	Rock Base Surface Treated	47,098.50	0.00
553	2	Marion	9.15	Rock Base Surface Treated	135,809.52	10,973.74
554	4	Brevard	5.00	Rock Base Surface Treated	123,536.27	25,496.08
560	6	Gulf	20.00	Sand Clay	117,825.26	0.00
562-A	8	Highlands	5.37	Rock Base Surface Treated	202,028.11	0.00
562-B	8	Highlands-Polk	10.71	Sheet Asphalt	350,579.99	0.00
564-A	5	Charlotte	10.88	Rock Base Surface Treated	202,653.11	0.00
564-B	5	Charlotte	10.31	Rock Base Surface Treated	356,002.83	50,000.00
564-C	5	Charlotte	3.94	Rock Base Surface Treated	131,985.26	0.00
565	1	Madison	15.64	Concrete	607,975.38	122,079.01
567	1	Walton	21.35	Sand Clay Surface Treated	125,401.92	0.00
570	5	Manatee	3.96	Bituminous Macadam	150,391.74	0.00
571	1	Madison	14.73	Rock Base Surface Treated	423,550.22	112,818.45
572	13	Bradford	7.50	Rock Base Surface Treated	142,799.59	0.00
574	9	Madison	11.66	Rock Base Surface Treated	283,342.57	75,269.65
575	3	Putnam	5.46	Rock Base Surface Treated	180,574.00	0.00
576	5	Sarasota	6.68	Rock Base Surface Treated	176,086.37	0.00
579	1	Holmes	8.62	Sand Clay Surface Treated	88,091.04	5,012.00
580	19	Dixie	10.00	Rock Base Surface Treated	347,205.64	0.00
581	5	Hillsboro	12.10	Rock Base Surface Treated	367,951.13	0.00
584	24	Osceola	2.00	Brick	45,608.33	0.00
585	1	Santa Rosa	5.81	Sand Clay Surface Treated	85,800.32	0.00
586	1	Jackson-Washington	17.37	Sand Clay Surface Treated	232,874.12	0.00
587	5-A	Columbia	4.37	Rock Base Surface Treated	88,351.48	31,884.16
588	3	Putnam	2.34	Sheet Asphalt	61,579.18	0.00
589	5	Lee	8.27	Rock Base Surface Treated	288,613.16	0.00
590	1	Okaloosa-Santa Rosa	9.00	Sand Clay Surface Treated	49,603.51	0.00
592	10	Franklin	7.89	Rock Base Surface Treated	217,402.08	146,768.65
594	13	Bradford	9.10	Rock Base Surface Treated	130,771.17	0.00
595	3	Volusia	7.43	Rock Base Surface Treated	165,806.12	0.00
597	4	Volusia	16.24	Rock Base Surface Treated	511,835.46	313,977.50
599	2	DeSoto	7.40	Marl	49,271.01	19,362.64
604	4	Volusia	7.72	Rock Base Surface Treated	290,590.19	31,560.00
607	13	Bradford	5.10	Rock Base Surface Treated	88,624.25	0.00
607-B	13	Clay	7.00	Rock Base Surface Treated	146,589.24	0.00
608	4	Brevard	9.29	Concrete	376,375.81	0.00
609	2	Hardee	1.00	Bitulithic	48,099.04	0.00
613	5	Sarasota	4.62	Sheet Asphalt	290,493.05	0.00
614	5	Sarasota	17.34	Sheet Asphalt	801,636.35	0.00
617	5	Alachua	5.17	Rock Base Surface Treated	113,145.25	108,045.06
618	5	Alachua	10.89	Rock Base Surface Treated	232,440.23	58,045.05
619	5	Alachua	9.28	Rock Base Surface Treated	183,972.90	86,575.88
621	1	Okaloosa	17.35	Sand Clay Surface Treated	261,983.62	0.00
622	2	Lake	.21	Bituminous Concrete	7,283.76	2,119.67
624	50	Hamilton	6.47	Rock Base Surface Treated	165,756.36	0.00
625	5	Citrus	10.86	Rock Base Surface Treated	209,050.72	0.00
626	5	Citrus	6.61	Rock Base Surface Treated	111,887.45	0.00
627	3	Putnam	6.27	Rock Base Surface Treated	173,124.91	0.00
628	3	Volusia	12.00	Rock Base Surface Treated	242,176.54	10,000.00
629	8	Highlands	6.00	Rock Base Surface Treated	170,372.31	0.00
630	8	Highlands	11.00	Rock Base Surface Treated	295,383.99	0.00
631	1	Washington-Holmes	8.53	Sand Clay Surface Treated	163,399.20	0.00
634	1	Jackson	11.15	Sand Clay Surface Treated	143,274.66	0.00
635	5	Manatee	1.28	Bituminous Concrete	54,304.45	0.00
636	8	St. Lucie	12.80	Rock Base Surface Treated	296,519.65	76,000.00
638	1	Santa Rosa	.30	Concrete	32,149.79	0.00
640-A	4	Martin	9.00	Sheet Asphalt	349,182.05	0.00
640-B	4	Martin	11.80	Sheet Asphalt	463,380.51	0.00
641	4	Palm Beach	13.36	Rock Base Surface Treated	408,511.77	0.00
642	3	Putnam	10.32	Rock Base Surface Treated	294,416.25	0.00
644-A	10	Wakulla	8.49	Rock Base Surface Treated	232,440.94	0.00
644-C	10	Wakulla	5.05	Rock Base Surface Treated	102,301.09	0.00
645	10	Wakulla	17.00	Rock Base Surface Treated	473,830.51	19,700.00
646	10	Franklin	18.50	Sand Clay Surface Treated	189,903.90	0.00
647	8	Highlands	7.00	Rock Base Surface Treated	189,468.76	0.00
648	2	Hardee	14.10	Rock Base Surface Treated	373,575.81	0.00
649	33	Okaloosa	10.43	Sand Clay Surface Treated	37,393.99	0.00
651	10	Gulf	14.72	Rock Base Surface Treated	442,383.84	0.00
652	33	Okaloosa	9.04	Sand Clay Surface Treated	63,705.89	0.00

**STATE ROAD DEPARTMENT OF FLORIDA**  
**Road Projects Completed to December 31, 1930—Continued**

Proj. No.	Road No.	County	Length Feet	Type	Cost	County Participation
654	4	Broward	6.30	Bituminous Macadam	\$ 171,727.41	\$ 0.00
655	18	Highlands	15.00	Rock Base Surface Treated	371,949.08	0.00
657	6	Jackson	11.00	Sand Clay Surface Treated	86,156.83	0.00
658	1	Holmes	8.21	Sand Clay Surface Treated	95,469.86	0.00
659	3	Clay	13.27	Rock Base Surface Treated	441,638.27	55,660.00
660	3	Clay	10.57	Rock Base Surface Treated	292,185.23	44,340.00
661	2	Lake	3.52	Sheet Asphalt	189,304.49	88,050.00
663	5	Citrus	8.03	Rock Base Surface Treated	240,166.93	0.00
666	6	Jackson	6.52	Sand Clay Surface Treated	69,092.91	0.00
667	18	DeSoto	8.63	Rock Base Surface Treated	257,970.85	0.00
668	4	Brevard	12.00	Rock Base Surface Treated	432,171.16	10,778.77
669-B	27	Dade	10.00	Rock Base Surface Treated	497,903.35	125,000.00
669-C	27	Dade	12.00	Rock Base Surface Treated	991,762.29	0.00
669-D	27	Dade	12.30	Rock Base Surface Treated	1,260,336.14	0.00
669-E	27	Dade	4.55	Rock Base Surface Treated	352,044.51	0.00
669-V	27	Collier	31.63	Rock Base Surface Treated	1,073,348.54	0.00
669-W	27	Collier	16.00	Rock Base Surface Treated	378,718.93	0.00
669-X	27	Collier	9.04	Rock Base Surface Treated	304,974.40	0.00
669-Z	27	Collier	6.48	Rock Base Surface Treated	194,610.68	0.00
669-Y	27	Collier	13.55	Rock Base Surface Treated	330,291.71	0.00
670	6	Jackson	12.08	Sand Clay Surface Treated	120,263.31	0.00
671	20	Jackson	4.07	Sand Clay Surface Treated	43,921.46	0.00
672	1	Leon	10.00	Concrete	351,890.25	86,630.80
673	1	Gadsden	14.93	Concrete	543,065.32	108,210.00
674	1	Duval	3.50	Concrete	144,887.25	0.00
675	17	Polk	5.16	Sheet Asphalt	261,205.97	0.00
676-A	19	Levy	9.95	Rock Base Surface Treated	223,923.31	140,904.39
676-B	19	Levy	13.40	Rock Base Surface Treated	391,397.29	189,760.61
676-C	19	Levy	11.72	Rock Base Surface Treated	305,441.05	165,969.80
677-A	13	Levy	6.96	Rock Base Surface Treated	132,914.03	57,830.36
677-D	13	Levy	9.91	Rock Base Surface Treated	251,615.97	74,032.84
678	10	Bay	8.72	Rock Base Surface Treated	226,113.35	0.00
679	5	Hernando	7.11	Rock Base Surface Treated	230,718.00	0.00
682	5	Citrus	6.45	Rock Base Surface Treated	262,277.47	0.00
683-A	4	Palm Beach	8.04	Concrete	342,848.88	27,000.00
685	10	Franklin	18.46	Rock Base Surface Treated	586,492.33	0.00
687-A	2	Lake	15.00	Sheet Asphalt	564,416.38	300,000.00
687-B	2	Lake	15.22	Rock Base Surface Treated	336,265.30	140,000.00
689	5-A	Alachua	1.89	Rock Base Surface Treated	35,100.13	0.00
691	4	Indian River	5.52	Concrete	299,180.76	0.00
692	4	St. Lucie	7.38	Concrete	400,171.10	0.00
693	4	St. Lucie	8.48	Concrete	489,689.56	200,000.00
694	4	Martin	8.93	Concrete	390,754.60	0.00
695	2	Lake	10.50	Rock Base Surface Treated	336,876.85	0.00
698	19	Leon	12.45	Concrete	418,885.22	159,903.48
706-A	28	Putnam	11.96	Rock Base Surface Treated	263,756.81	50,000.00
715	28	Union	3.50	Rock Base Surface Treated	84,183.46	45,518.00
716	28	Bradford	11.12	Rock Base Surface Treated	209,399.65	62,500.00
717	28	Bradford	10.93	Rock Base Surface Treated	255,471.94	62,500.00
718	5-A	Columbia	8.22	Rock Base Surface Treated	190,889.82	59,326.55
719	5-A	Suwannee	8.57	Rock Base Surface Treated	142,892.50	142,500.00
721	3	Putnam	4.50	Rock Base Surface Treated	64,221.70	0.00
723	19	Leon	11.76	Sand Clay Surface Treated	178,022.01	91,031.05
724	19	Leon	9.67	Sand Clay Surface Treated	184,044.43	0.00
726	19	Dixie	12.59	Rock Base Surface Treated	255,682.10	22,610.00
728	10	Leon	11.67	Concrete	363,637.25	328,275.24
740	10	Gulf	9.622	Rock Base Surface Treated	262,181.54	0.00
742	13	Alachua	7.65	Rock Base Surface Treated	133,585.96	0.00
743	10	Bay	18.25	Rock Base Surface Treated	492,023.14	0.00
747	35	Jefferson	6.50	Sand Clay	47,591.03	42,525.00
748	35	Madison	6.21	Sand Clay	76,870.00	0.00
749	14	Gilchrist	7.81	Rock Base Surface Treated	126,997.04	90,000.00
756	19	Marion	19.78	Rock Base Surface Treated	153,665.38	0.00
763	50	Suwannee	12.23	Rock Base Surface Treated	204,882.81	202,500.00
764	50	Suwannee	12.00	Rock Base Surface Treated	250,792.86	248,500.00
765	50	Suwannee	7.00	Rock Base Surface Treated	129,401.91	121,500.00
771	4	Duval	57	Concrete	17,693.40	0.00
780	29	Okeechobee	11.00	Rock Base Surface Treated	297,015.11	0.00
781	29	Okeechobee	11.00	Rock Base Surface Treated	284,289.81	6,173.98
786	123	Jackson	6.76	Sand Clay Surface Treated	71,449.40	0.00
804	67	Glades	18.55	Rock Base Surface Treated	411,705.47	2,041.83
807-A	25	Palm Beach	10.81	Rock Base Surface Treated	247,296.50	0.00
807-C	25	Palm Beach	6.14	Rock Base Surface Treated	153,460.73	0.00
827	0	Escambia	8.12	Sand Clay Surface Treated	100,043.36	38,340.00
863	56	Columbia	2.00	Rock Base Surface Treated	37,277.16	0.00
866	17	Hillsboro	50	Asphalt Bl'k c	18,096.67	0.00
878	77	Gilchrist	8.00	Grade	31,110.35	25,000.00
Totals			2,303.64		\$63,109,801.20	\$9,884,107.79



Road 5-A, Rock Base Slag Surface Treated, Showing Woven Wire Guard Rail



Road 50, Overpass, A. C. L. R. R.



STATE ROAD DEPARTMENT OF FLORIDA  
Road Projects That Are Graded Ready for Paving December 31, 1930

Project No.	Road No.	County	Length Feet	Type	Cost	County Participation
73-C	17	Polk	5.22	Graded	\$ 81,256.19	\$ 0.00
615	5	Sarasota	11.92	Graded	151,917.17	100,000.00
623	35	Madison	12.13	Graded	141,051.39	49,192.76
677-C	13	Levy	10.16	Graded	291,135.51	84,419.04
688	10	Bay	9.31	Graded	9,045.60	0.00
699	19	Jefferson	7.70	Graded	42,753.58	30,000.00
700	19	Jefferson	9.26	Graded	93,742.96	70,000.00
706-B	28	Putnam	14.91	Graded	125,104.50	50,000.00
709	39	Holmes	9.09	Graded	64,668.31	42,740.75
722	43	Jefferson	8.83	Graded	80,879.02	61,254.10
733	33	Walton	4.23	Graded	61,377.68	47,373.22
734	40	Walton	7.89	Graded	82,004.86	69,581.67
735	40	Walton	13.71	Graded	160,724.24	130,342.33
736	39	Holmes	8.97	Graded	49,315.03	42,740.75
744	19	Madison	5.78	Graded	84,711.26	0.00
748	35	Madison	6.21	Graded	76,870.04	0.00
751	40	Walton	7.28	Graded	64,929.15	53,739.49
752	40	Walton	8.72	Graded	82,975.75	63,037.15
757	2	Polk	10.26	Graded	73,688.23	0.00
758	2	Polk	9.89	Graded	92,383.22	0.00
782	29	Okeechobee	6.62	Graded	87,011.83	0.00
802-C	10	Okaloosa	10.24	Graded	92,505.23	81,279.65
803	10	Okaloosa	11.13	Graded	104,269.11	82,242.33
815	54	Okaloosa	13.58	Graded	105,804.79	62,114.23
819	54	Okaloosa	4.69	Graded	23,971.83	20,979.67
821	96	Jefferson	5.18	Graded	33,773.50	43,080.00
823	41	Okaloosa	9.18	Graded	41,637.73	34,085.34
824	41	Okaloosa	9.81	Graded	66,948.76	59,710.97
840	115	Walton	10.45	Graded	60,006.69	55,933.00
841	115	Walton	6.44	Graded	41,246.52	43,038.38
842	115	Walton	10.15	Graded	96,970.19	76,591.51
844-A	115	Okaloosa	7.10	Graded	37,640.67	0.00
844-C	115	Escambia	5.63	Graded	40,749.60	0.00
845	19	Taylor	8.57	Graded	116,379.18	0.00
846	19	Taylor	10.26	Graded	51,674.44	0.00
854	60	Walton	9.81	Graded	98,854.23	57,355.16
855	60	Walton	9.32	Graded	112,583.96	107,170.98
Totals			329.63		\$ 3,203,561.95	\$1,618,002.48

**STATE ROAD DEPARTMENT OF FLORIDA**  
**Road Projects Under Construction December 31, 1930**

Project No.	Road No.	County	Length Feet	Type	Estimated Cost	Cost to Date	County Participation
11	1	Duval	2.20	Concrete	\$ 14,773.34	\$ 11,112.23	\$ 0.00
23	1	Duval	12.80	Concrete	183,046.80	82,541.98	0.00
53-D	2	Lake	4.48	Graded	89,131.49	32,029.66	0.00
62-A	24	Osceola	12.52	Rock Base Surface Treated	445,668.60	395,372.10	91,666.00
62-D	24	Osceola	12.66	Rock Base Surface Treated	434,542.44	392,820.91	91,668.00
63-A	4	Palm Beach	9.21	Concrete	327,212.66	316,602.67	0.00
63-C	4	Broward	13.24	Concrete	698,973.67	592,004.00	0.00
73-A	17	Polk	3.66	Macasphalt	105,841.89	151,433.30	0.00
73-D	17	Polk	9.92	Concrete	443,938.15	157,393.57	0.00
74-A	2	Orange	14.34	Bituminous Concrete	571,171.52	513,776.19	0.00
500-B	20	Bay	12.75	Rock Base Surface Treated	321,619.12	132,302.33	0.00
500-C	20	Bay	12.18	Rock Base Surface Treated	289,526.67	196,137.76	0.00
515	20	Jackson	4.50	Rock Base Surface Treated	211,533.77	158,232.72	0.00
535	5-A	LaFayette	13.20	Rock Base Surface Treated	434,762.11	206,871.19	42,630.00
608-B	4	Brevard	1.07	Rock Base Surface Treated	40,408.75	12,408.48	0.00
677-B	13	Levy	12.58	Rock Base Surface Treated	417,995.95	241,366.67	96,217.76
695-C	2	Lake	2.48	Grade	9,155.64	5,226.10	0.00
708	11	Jefferson	7.98	Rock Base Surface Treated	198,629.45	170,629.18	52,226.83
713	28	Columbia	10.00	Rock Base Surface Treated	229,590.29	227,747.79	79,270.60
714	28	Union	10.20	Rock Base Surface Treated	229,669.86	202,781.44	125,482.00
720	11	Jefferson	9.70	Rock Base Surface Treated	267,833.72	225,955.48	65,064.18
727	47	St. Johns	6.00	Rock Base Surface Treated	103,785.11	2,559.36	0.00
741	13	Alachua	1.00	Rock Base Surface Treated	20,323.45	15,816.85	0.00
745	19	Taylor	15.95	Rock Base Surface Treated	513,087.86	433,480.44	20,302.77
750	14	Gilchrist	12.97	Rock Base Surface Treated	269,010.74	222,219.70	0.00
766	10	Bay	8.74	Grade	86,309.09	79,875.89	0.00
767	10	Bay	5.27	Grade	41,194.31	37,805.30	0.00
779	19	Liberty	8.00	Grade	77,493.60	8,386.10	7,500.00
787	10	Walton	16.80	Grade	344,128.33	199,899.62	0.00
788	10	Walton	17.54	Grade	237,297.57	211,967.76	164,274.07
798	13	Nassau	15.30	Grade	215,992.31	171,562.21	0.00
801	48	Bradford	11.78	Grade	66,835.48	45,655.77	0.00
802-A	10	Okaloosa	7.76	Surface	131,858.78	100,818.78	52,641.03
805	25	Hendry	9.42	Grade	115,168.49	25,168.49	0.00
806-A	25	Hendry	11.00	Rock Base Surface Treated	271,255.14	200,835.83	0.00
806-C	25	Hendry	11.00	Rock Base Surface Treated	259,768.77	62,119.26	0.00
806-D	25	Hendry	12.69	Rock Base Surface Treated	307,055.27	75,915.81	0.00
820	96	Jefferson	9.45	Grade	76,102.81	55,105.14	24,138.75
825	88	Holmes	10.37	Grade	104,683.78	39,848.91	20,000.00
831	115	Bay	7.16	Grade	120,448.77	12,198.87	0.00
832	10	Santa Rosa	16.01	Grade	137,066.19	114,667.22	0.00
833	10	Santa Rosa	8.01	Grade	41,539.81	36,140.46	0.00
857	53	Santa Rosa	19.10	Grade	132,471.34	21,490.14	95,000.00
868-A	5	Levy	7.05	Grade	56,416.30	7,185.80	0.00
868-C	5	Levy	12.33	Grade	69,117.39	43,517.09	0.00
869	29	Glades	9.04	Grade	147,450.00	27,078.91	0.00
870	143	Palm Beach	10.88	Rock Base Surface Treated	140,021.16	94,036.79	11,000.00
875	23	Hernando	10.14	Grade	97,124.45	12,124.45	0.00
876-A	78	Duval	8.00	Shell Surface Treated	189,547.70	155,117.15	0.00
876-C	78	St. Johns	19.20	Rock Base Surface Treated	502,536.19	159,064.53	0.00
884	3	Duval	3.00	Macasphalt	148,116.53	67,529.37	0.00
901	0	Leon	.50	Sand Clay	25,000.00	4,680.64	0.00
927	0	Jackson	1.86	Grade	29,913.99	13,842.08	0.00
Totals			514.90		\$11,046,146.60	\$ 7,182,490.50	\$1,039,081.99

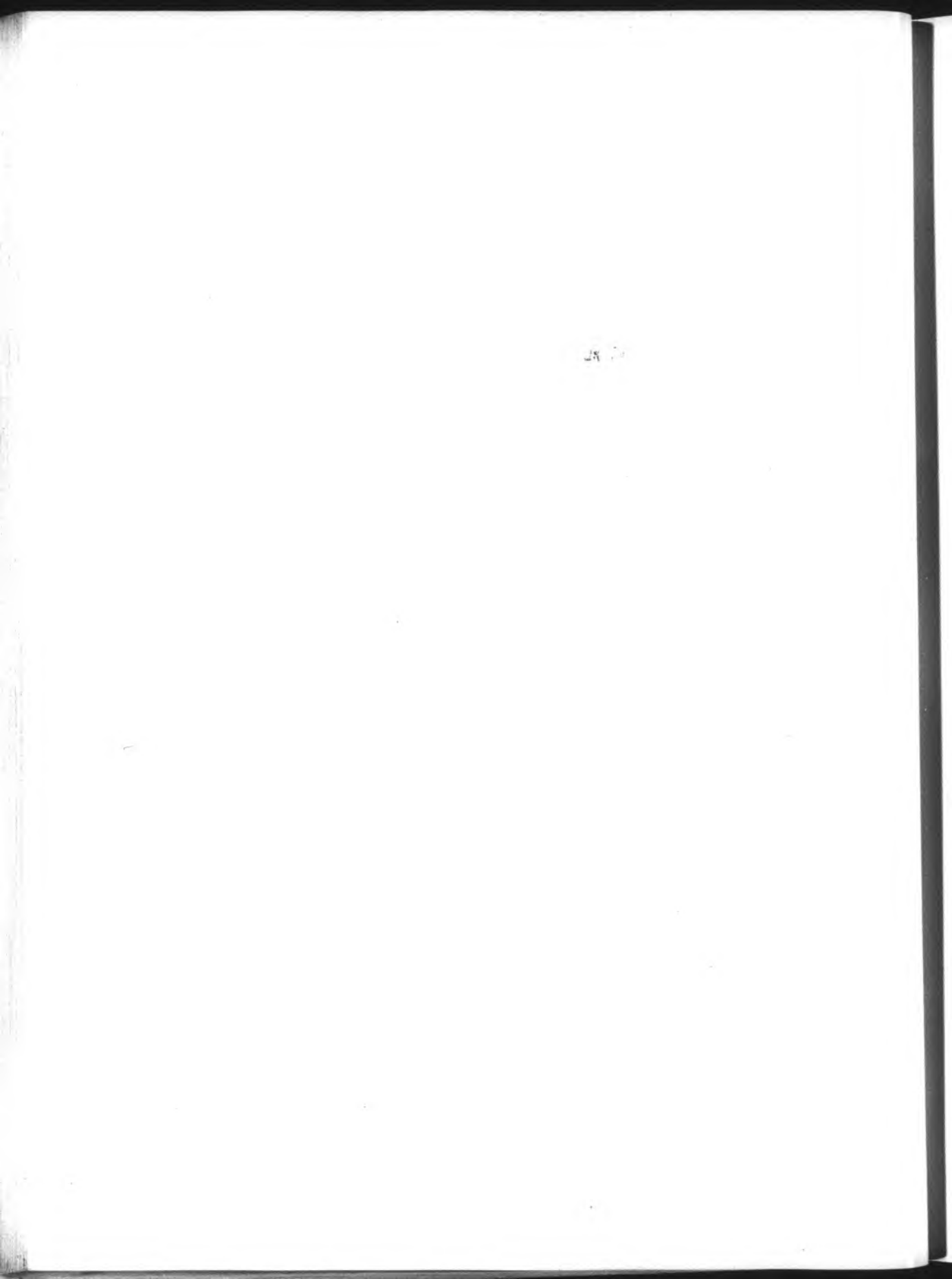


Road 4, Rock Base Slag Surface Treated



Federal Aid, Road 4, Tarpon River Bridge







## CONVICTS

Since the year 1917 all able-bodied State convicts have been turned over to the Department for work on the roads. This not only gives the State a Mobile Construction Unit, but also enables the State to realize on its investment in convicts and affords the convict opportunity for healthy work outdoors. The Road Department has the full responsibility of the convict after once receiving him. The Department houses, clothes, feeds and guards all its convicts under the very best sanitary conditions and, when the term expires, releases him and pays the Discharge Fee.

The convicts are kept in camps built and maintained by the Department. The white prisoners are kept in separate camps from the colored. The Camps are constructed adjacent to the projects on which they are to work. We have found that a camp of from 50 to 60 men provides an excellent working unit and can be economically used in the construction of roads. The greater part of the convicts' work has been on the Clearing, Grubbing and Grading of the Road-bed. In this work the camp is furnished with the proper complement of mules, wagons, wheelers and slips to do the work on hand.

Due to the fact that practically all our main roads have been graded it has become necessary to make other arrangements for the working of the Convict Force. Elsewhere herein is a description of the Convict Units that have been placed on Maintenance. We have likewise made use of the Convicts in the paving of roads, especially Rock Bases. Contracts are let for furnishing the Rock, Equipment, Fuel and Skilled Labor which contract is supplemented by the use of convicts for all common labor. In this way, the fine grading, setting of forms, and the dressing of the roadway is done by the State's Convict Force and the results obtained have been most satisfactory. At the close of 1930 operations, using convicts for paving, covered a mileage of 181.0 miles of Roads.

From the Table here presented it will be seen that the average number of Prisoners in 1929 was 1,049 and the total cost of maintaining this force was \$1.47 per day, per man. This includes the Captains, Guards, Housing, Feeding and all supplies including tobacco. In 1930 the records show an average of 988 Prisoners at the cost of maintaining them \$1.67 per day. From these figures, it will be noted that the State is obtaining very cheap labor for the class of work being performed.

STATE ROAD DEPARTMENT OF FLORIDA  
Statistical Statement Showing Cost of Operation of State Road Convict Camps Twelve Months to December 31, 1929

Camp No.	Groceries	Salaries	All Other Expenses	Total	Daily Avg. Prisoners in Camp (Calendar)	Average Prisoners on Road (Daily)	Prisoner Days on Road	Prisoner Days in Camp	Total Prisoner Days	Captain and Guard Days	Meals Served	Average Cost Per Meal	Overhead Per Man (Daily)	Total Cost Per Man (Daily)	Total Cost Per Man on Road (Daily)
1	\$10,512.18	\$ 6,263.05	\$ 4,813.87	\$21,589.10	53	39	14,440	4,994	19,434	2,567	66,003	\$ .16	\$ .57	\$ 1.11	\$ 1.49
2	7,291.54	7,377.00	2,400.78	17,069.32	46	35	12,950	3,757	16,707	3,193	61,030	.12	.58	1.02	1.32
3	10,173.68	5,781.98	4,963.84	20,919.50	55	39	14,439	5,769	20,208	2,599	70,746	.14	.53	1.03	1.45
4	8,044.20	7,620.37	5,422.28	21,086.85	61	43	15,647	6,770	22,417	3,293	77,130	.11	.58	.98	1.40
5	9,567.27	5,745.65	4,582.02	19,894.94	52	37	13,705	5,134	18,839	2,398	64,433	.15	.55	1.06	1.45
8	10,128.23	7,387.84	6,525.18	24,041.25	59	43	15,883	5,670	21,553	3,423	74,719	.13	.64	1.11	1.51
12	10,770.83	6,812.94	5,911.97	23,495.74	66	49	17,956	6,337	24,293	2,946	81,717	.13	.52	.97	1.31
16	8,519.20	7,303.28	4,711.43	20,533.91	49	36	13,208	4,742	17,950	2,910	61,690	.14	.67	1.14	1.55
18	987.53	1,348.71	269.13	2,605.37	27	18	1,404	674	2,078	544	7,866	.13	.78	1.25	1.86
25	9,186.83	6,344.28	6,355.89	21,887.00	53	36	13,348	6,136	19,484	2,640	69,362	.13	.65	1.12	1.64
27	9,492.93	7,332.11	4,315.00	21,140.04	58	39	14,269	6,783	21,052	3,056	72,224	.13	.55	1.00	1.48
28	6,862.43	6,101.83	4,039.20	17,003.46	51	34	12,548	5,713	18,261	2,584	64,388	.11	.55	.93	1.35
30	9,177.45	6,949.84	5,514.01	21,641.30	62	45	16,527	6,405	22,932	3,280	79,368	.11	.54	.94	1.31
31	7,018.78	5,838.21	3,231.71	16,088.70	47	32	12,022	5,374	17,396	2,449	59,535	.12	.52	.92	1.34
32	9,206.01	7,112.35	4,588.52	20,906.88	51	36	13,355	5,128	18,483	3,306	64,599	.14	.63	1.13	1.56
33	10,528.97	8,129.28	5,218.95	23,877.20	53	36	13,426	6,283	19,709	3,609	70,427	.15	.68	1.21	1.78
34	10,172.32	7,204.41	5,784.35	23,161.08	55	41	15,026	5,494	20,520	3,128	70,941	.14	.63	1.13	1.54
35	11,457.63	7,404.39	4,501.26	23,363.28	55	40	14,872	5,813	20,685	3,146	70,513	.16	.57	1.13	1.57
36	10,835.86	7,839.47	5,449.76	24,125.09	59	39	14,564	6,977	21,541	3,436	76,258	.14	.62	1.12	1.66
37	6,160.44	5,790.95	2,965.95	14,917.34	50	35	12,794	5,283	18,077	2,391	64,783	.09	.48	.82	1.16
38	848.31	585.00	1,209.99	2,703.30	32	21	966	506	1,472	230	5,189	.16	1.26	1.84	2.80
Totals.	\$177,842.62	\$132,272.94	\$92,835.09	\$402,950.65	1,049	749	273,349	109,742	383,091	57,128	1,332,921	\$ .13	\$ .59	\$ 1.05	\$1.47

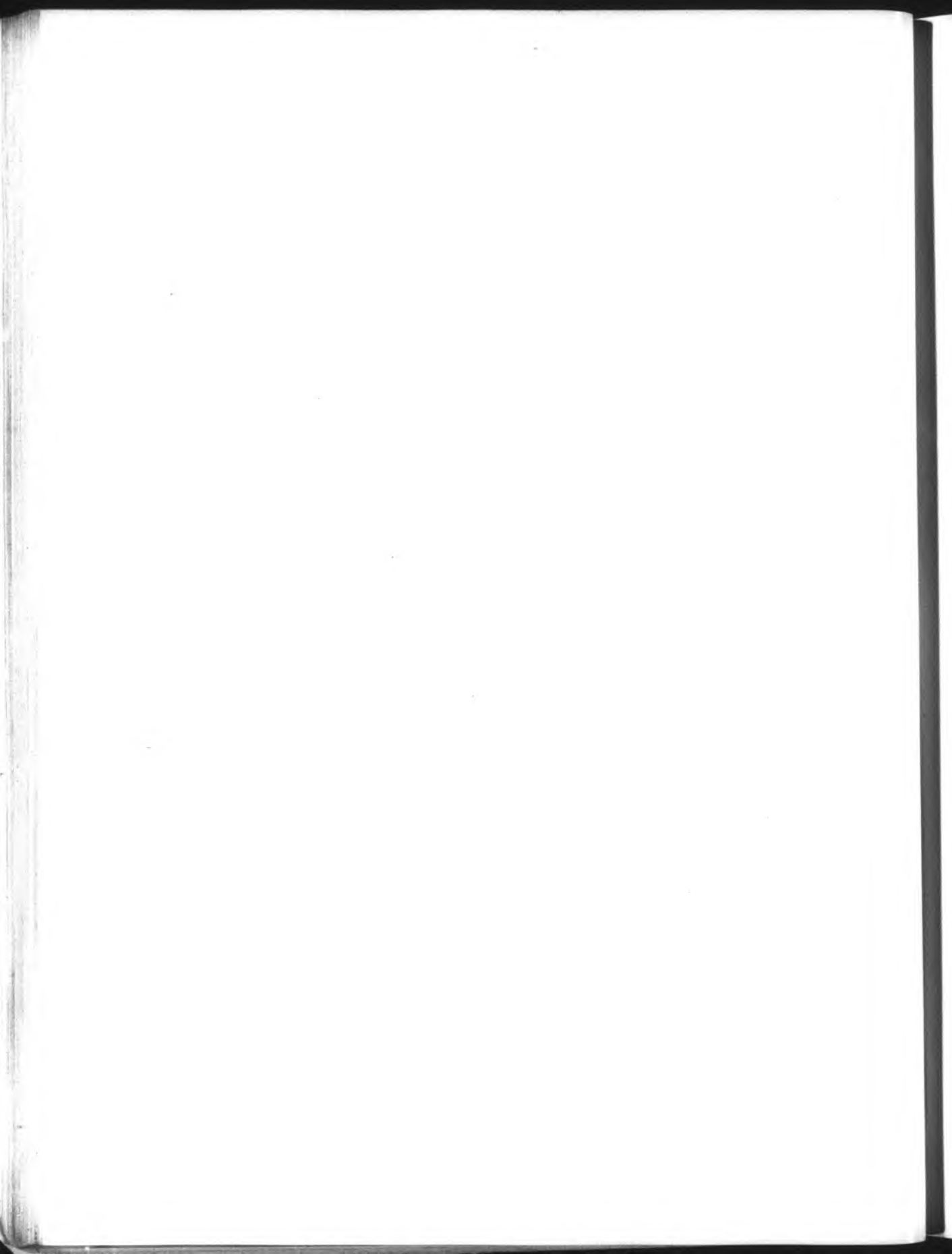
Camp 38 Opened November 15, 1929.



Federal Aid. Road 2, Bituminous Concrete



Road 25, Laying Florida Lime Rock Base



# STATE ROAD DEPARTMENT OF FLORIDA

## Statistical Statement Showing Cost of Operation of State Road Convict Camps Twelve Months to December 31, 1930

Camp No.	Groceries	Salaries	All Other Expenses	Total	Daily Avg. Prisoners in Camp (Calendar)	Average Prisoners on Road (Daily)	Prisoner Days on Road	Prisoner Days in Camp	Total Prisoner Days	Captain and Guard Days	Meals Served	Average Cost Per Meal	Overhead Per Man (Daily)	Total Cost Per Man (Daily)	Total Cost Per Man on Road (Daily)
1	\$ 9,730.14	\$ 5,947.29	\$ 5,009.45	\$20,686.88	53	39	14,255	4,991	19,246	2,474	65,076	\$ .15	\$ .57	\$1.07	\$1.45
2	5,387.79	6,449.81	2,607.55	14,445.15	36	27	9,753	3,412	13,165	2,734	47,948	.11	.69	1.10	1.48
3	7,371.72	6,359.26	4,334.91	18,065.89	42	30	10,850	4,455	15,305	2,711	53,981	.14	.70	1.18	1.66
4	8,450.77	6,566.84	4,432.19	19,449.80	57	42	15,186	5,475	20,661	2,787	70,700	.12	.53	.94	1.28
5	6,451.40	4,762.37	4,444.45	15,658.22	34	22	8,196	4,090	12,286	1,844	43,430	.15	.75	1.28	1.91
8	9,833.95	8,435.67	6,234.55	24,504.17	62	45	16,491	6,178	22,669	3,788	79,647	.12	.65	1.08	1.48
12	6,640.55	5,693.66	5,771.41	18,105.62	40	29	10,730	3,809	14,539	2,401	51,722	.13	.79	1.24	1.69
16	7,480.62	6,940.47	2,974.08	17,395.17	40	29	10,731	3,755	14,486	2,807	52,344	.14	.68	1.20	1.62
18															
26	8,610.42	5,696.18	5,302.46	19,609.06	52	35	12,799	6,128	18,927	2,343	64,146	.13	.58	1.04	1.53
27	9,573.81	6,776.79	6,654.87	23,005.47	57	40	14,405	6,214	20,619	2,920	71,497	.13	.65	1.11	1.60
28	6,850.55	6,117.40	5,916.47	18,884.42	45	32	11,838	4,555	16,393	2,485	59,704	.11	.73	1.15	1.59
30	8,672.85	7,255.02	5,328.34	21,256.21	53	37	13,565	5,667	19,232	3,228	69,494	.12	.65	1.10	1.57
31	9,923.70	6,320.45	6,146.79	22,390.94	57	41	14,717	5,876	20,593	2,659	70,196	.14	.60	1.09	1.52
32	7,009.61	6,234.18	4,029.46	17,273.25	41	28	10,167	4,738	14,905	2,615	52,704	.13	.68	1.16	1.70
33	10,533.96	8,921.03	5,574.06	25,029.05	53	38	13,859	5,344	19,203	3,942	69,312	.15	.75	1.33	1.80
34	7,696.83	6,313.90	6,487.63	20,498.36	40	29	10,724	3,778	14,502	2,625	51,465	.15	.88	1.41	1.91
35	10,280.18	6,100.07	4,701.77	21,082.02	46	30	11,128	5,749	16,877	2,550	58,281	.18	.64	1.25	1.89
36	10,181.52	6,996.45	5,582.74	22,760.71	48	31	11,435	6,249	17,684	2,925	61,962	.16	.71	1.29	1.99
37	8,338.12	6,228.19	4,595.90	19,162.21	50	35	12,644	5,530	18,174	2,620	64,105	.13	.59	1.05	1.51
38	6,780.96	4,939.74	5,776.33	17,497.03	35	24	8,826	3,916	12,742	1,971	45,400	.15	.84	1.39	2.00
39	3,939.85	4,116.45	4,457.50	12,513.80	25	18	5,112	2,249	7,361	1,810	27,583	.14	1.16	1.70	2.45
40	4,669.81	4,085.07	3,292.17	12,047.05	36	25	7,312	3,071	10,383	1,627	37,542	.12	.71	1.16	1.65
41	343.04	282.60	3,011.79	3,637.43	46	19	263	358	621	119	2,301	.15	5.30	5.86	13.83
Totals.	\$174,752.15	\$137,538.89	\$112,666.87	\$424,957.91	988	698	254,986	105,587	360,573	57,985	1,270,540	\$ .14	\$ .69	\$1.18	\$1.67

Camps 39 and 40 Opened March 15th—Camp 41 Opened December 18, 1930.

# STATE ROAD DEPARTMENT OF FLORIDA

## Plans Prepared By Bridge Department

1929 - 1930

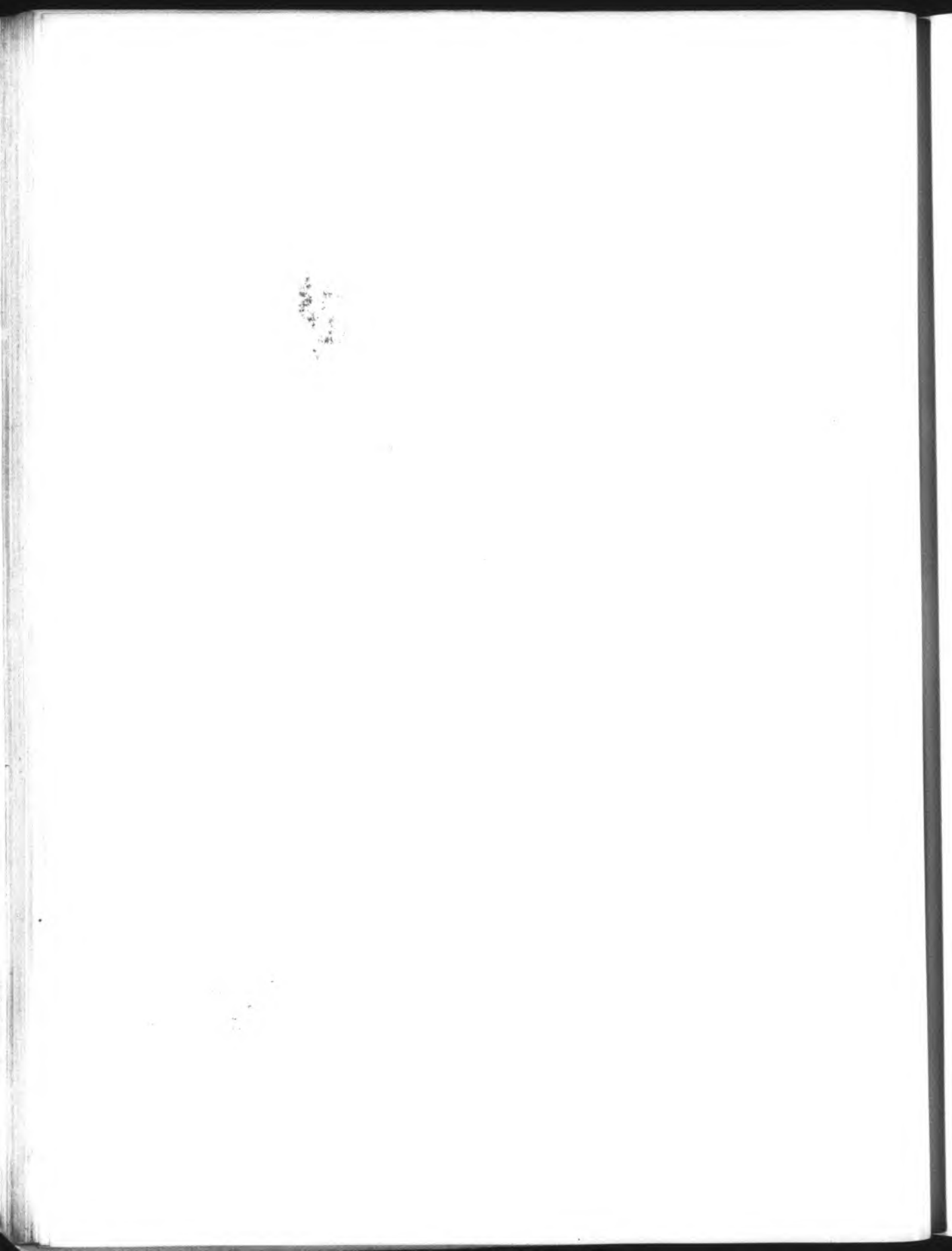
Road No.	Project No.	County	No. of Bridges	Concrete	Steel	Timber	Total Length
1	879-B	Escambia .....	1	64	....	....	64
3	721-B	Putnam .....	1	....	368	....	368
3	952	Putnam .....	1	197	162	....	359
4	60-B	Flagler-Volusia .....	9	571	....	....	571
4	63-B	Palm Beach-Broward.....	3	400	130	....	530
4	68-A	Broward .....	3	252	40	....	292
4	71	Brevard .....	1	174	....	....	174
4	608-B-2	Brevard .....	1	....	....	315	315
5	65	Hillsboro .....	1	....	423	....	423
5	66	Sarasota .....	2	395	63	....	458
5	70	Charlotte .....	1	4300	75	....	4375
5	835	Marion-Citrus .....	1	264	....	....	264
10	802-B	Okaloosa .....	2	....	74	1892	1966
17	73-B	Polk .....	2	305	....	....	305
27	75	Collier .....	2	525	36	....	561
28	715-B	Union-Bradford .....	1	783	....	....	783
48	801-B	Union-Bradford .....	1	718	....	....	718
50	67	Suwannee-Hamilton .....	1	300	161	....	461
143	870	Palm Beach .....	1	....	....	135	135
Totals .....				9248	1532	2342	13122



Road 4, Rock Base Slag Surface Treated.



Federal Aid, Road 5, Charlotte Harbor Bridge, Under Construction





STATE ROAD DEPARTMENT OF FLORIDA  
Bridge Projects Completed December 31, 1930

Project No.	Road No.	County	Length Feet	Type	Total Cost	County Participation
3	1	Gadsden-Jackson	2,627	Concrete	\$ 697,698.35	\$ 60,001.00
6-B	1	Madison	432	Concrete	61,892.85	0.00
7-B	2	Hamilton	476	Conc-Steel	174,078.24	0.00
14-B	1	Santa Rosa	370	Concrete	167,955.01	0.00
19-B	2	Hamilton	106	Concrete	20,359.37	0.00
20	1	Holmes-Washington	2,473	Concrete	351,942.05	50,000.00
21-B	1	Baker	340	Concrete	40,778.78	0.00
29-A	5	Hillsboro	316	Concrete	69,890.79	0.00
29-B	5	Hillsboro	215	Concrete	83,455.47	0.00
30	2	Columbia-Hamilton	325	Conc-Steel	61,996.95	13,000.00
36-A	4	Indian River	72	Concrete	14,558.70	0.00
37-D	2	Alachua	60	Concrete	32,381.50	0.00
38	1	Escambia-Santa Rosa	18,470	Conc-Steel	987,236.47	100,000.00
39	4	Brevard-Indian River	2,221	Concrete	253,974.98	0.00
40-B	4	Brevard	148	Concrete	87,233.89	0.00
41-B	4	Dade	223	Conc-Steel	105,647.97	0.00
45	1	Suwannee-Madison	912	Conc-Steel	144,051.09	0.00
48-B	4	St. Johns	456	Concrete	80,347.23	0.00
49-B	4	Flagler	207	Concrete	53,035.81	0.00
50-B	14	Putnam	143	Concrete	41,101.48	0.00
53-B	2	Lake	671	Conc-Steel	118,561.04	0.00
55-B	14	Alachua	263	Concrete	60,285.79	0.00
62-B	24	Osceola	789	Concrete	126,640.32	0.00
63-B	4	Broward	394	Concrete	148,777.75	0.00
65	5	Hillsboro	423	Concrete	134,783.69	0.00
68-A	4	Broward	46	Concrete	59,350.15	0.00
73-B	17	Polk	305	Concrete	43,471.54	0.00
421	3	Nassau	560	Conc-Steel	251,243.92	0.00
501-B	6	Calhoun	210	Timber	8,490.37	0.00
517	1	Jefferson	90	Timber	4,564.13	0.00
526	15	Pinellas	2,500	Concrete	251,902.22	0.00
527	17	Pinellas	2,833	Concrete	162,297.03	0.00
528	—	Seminole	—	Timber	5,000.00	0.00
534-B	24	Brevard	270	Timber	62,170.28	0.00
559	4	Brevard	260	Concrete	10,000.00	0.00
562-A	8	Highland	375	Timber	6,425.75	0.00
563	2	Osceola	315	Timber	11,891.82	0.00
564-C	5	Charlotte	143	Conc-Steel	40,516.42	0.00
566	2	Lake	266	Timber	6,493.83	0.00
568	1	Jackson	3,315	Timber	109,552.65	0.00
582	8	Highlands-Okeechobee	3,125	Timber-Steel	167,929.12	0.00
583	5	Hillsboro	170	Concrete	64,179.84	0.00
585-B	1	Santa Rosa	165	Concrete	26,706.01	0.00
587-B	5-A	Suwannee-Columbia	99	Concrete	33,734.11	0.00
589-B	5	Lee	274	Concrete	41,317.04	0.00
593	5	Manatee	3,600	Concrete	898,223.54	0.00
601	—	St. Johns	480	Timber	29,274.37	0.00
613	5	Sarasota	32	Concrete	12,839.65	0.00
614-B	5	Sarasota	595	Conc-Steel	305,895.58	0.00
620	4	St. Lucie	45	Timber	4,354.58	0.00

## STATE ROAD DEPARTMENT OF FLORIDA

## Bridge Projects Completed December 31, 1930—Continued.

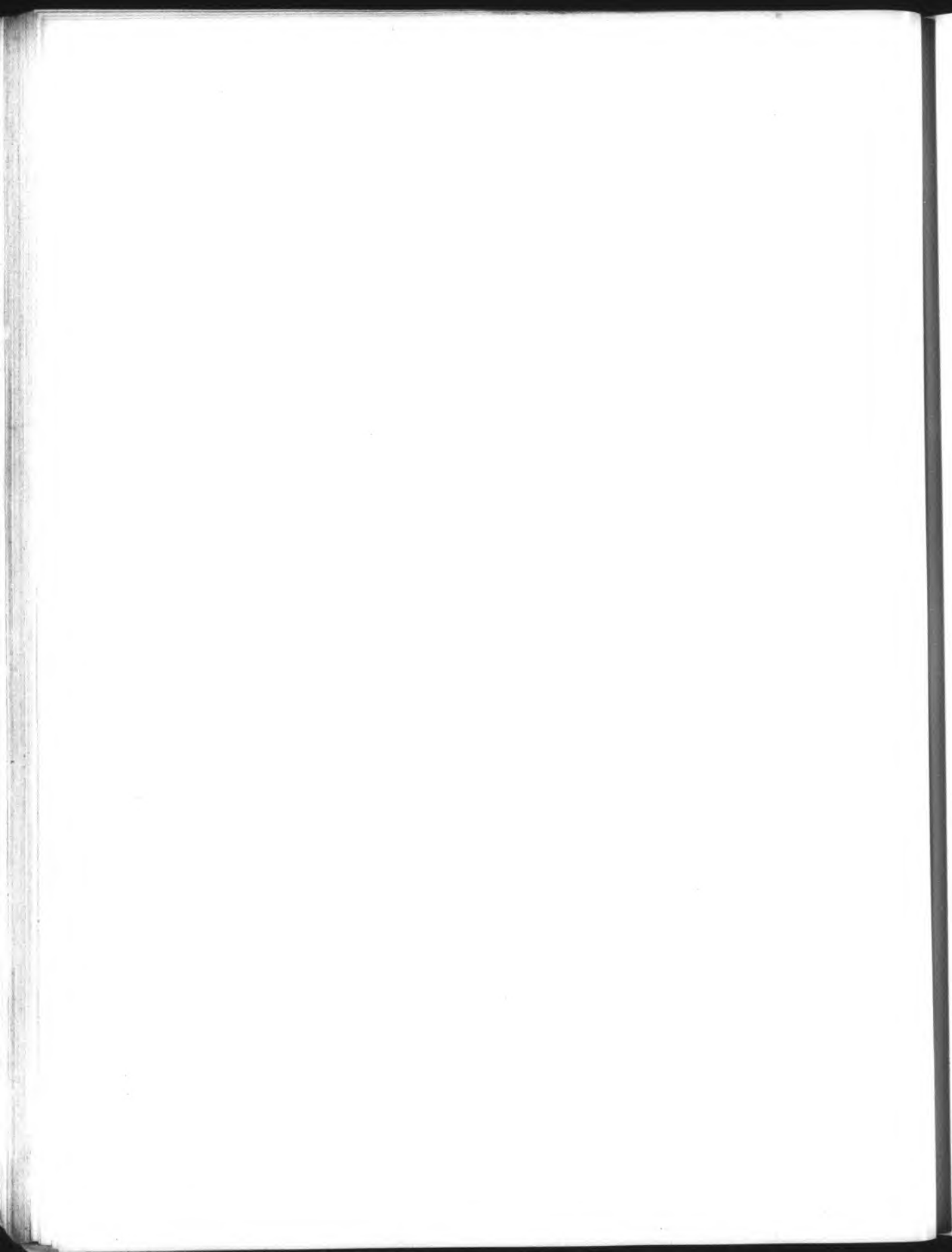
Project No.	Road No.	County	Length Feet	Type	Total Cost	County Participation
621-B	1	Okaloosa	1,568	Concrete	\$ 150,507.54	\$ 0.00
621-C	1	Okaloosa	1,363	Concrete	145,786.55	0.00
621-D	1	Okaloosa	29	Concrete	18,578.93	0.00
631-B	1	Holmes	1,480	Timber	47,948.39	0.00
633-B	1	Gadsden	120	Concrete	43,744.13	0.00
634-B	1	Jackson	456	Conc-Steel	64,826.42	0.00
641-B	4	Palm Beach	247	Conc-Steel	163,890.41	0.00
645-B	10	Wakulla-Franklin	850	Timber	32,104.37	0.00
648-B	2	Hardee	615	Conc-Steel-Tim.	80,073.08	0.00
655-667	18	Highlands	815	Timber	40,927.84	0.00
656	4	Palm Beach	727	Conc-Steel	267,080.50	0.00
658-B	1	Holmes	525	Timber	19,148.98	0.00
660-B	3	Clay	225	Timber	12,699.11	0.00
661-B	2	Lake	43	Concrete	17,877.92	0.00
664	3	Clay	1,600	Conc-Steel	233,285.76	0.00
665	3	Clay	1,400	Conc-Steel	219,673.75	0.00
672-B	1	Leon	1,950	Conc-Steel	191,315.70	0.00
673-B	1	Gadsden	416	Conc-Steel	59,201.05	0.00
677-D	13	Levy	1,335	Timber	42,338.33	0.00
680	10	Bay	4,000	Conc-Steel	820,084.29	613,007.65
681	10	Bay	7,530	Conc-Steel	1,205,951.78	1,003,825.19
685-B	10	Franklin	890	Timber-Steel	105,466.84	0.00
693-B	4	St. Lucie	160	Concrete	79,423.79	0.00
694-B	4	St. Lucie	351	Concrete	100,170.14	0.00
695-B	2	Lake	509	Timber-Steel	53,980.58	0.00
697	1	Escambia	666	Timber	50,816.77	0.00
698-B	19	Leon	391	Concrete	36,861.00	0.00
699-B	19	Jefferson	299	Concrete	26,324.59	0.00
700-B	19	Jefferson	494	Concrete	51,225.05	0.00
706	28	Putnam	675	Timber	34,945.82	0.00
710-B	17	Hillsboro	234	Concrete	54,063.24	0.00
721-B	3	Putnam	368	Conc-Steel	138,904.42	0.00
743	10	Bay	120	Timber	14,037.69	0.00
757-B	2	Polk	117	Concrete	14,848.75	0.00
758-B	2	Polk	305	Concrete	32,477.79	0.00
835	5	Marion-Citrus	264	Concrete	37,949.95	0.00
870	143	Palm Beach	135	Timber	94,066.79	0.00
Totals			86,477		\$11,539,097.56	\$1,839,833.84



Road 4, Sheet Asphalt



Federal Aid, Road 2, S. A. L.-A. C. L. Overpass



STATE ROAD DEPARTMENT OF FLORIDA  
Bridge Projects Under Construction December 31, 1930

Project No.	Road No.	County	Length Feet	Type	Estimated Cost	Spent to Date	Con- tribution Participation
57	3	Nassau .....	18,480.00	Embankment .....	\$ 173,830.52	\$ 33,085.35	\$ 0.00
63-B	4	Palm Beach-Broward	191.00	Concrete .....	108,583.09	97,001.13	0.00
66	5	Sarasota .....	459.00	Concrete .....	129,023.81	26,082.65	0.00
68-A1	4	Palm Beach .....	199.00	Concrete .....	104,328.18	94,535.10	0.00
68-A2	4	Broward .....	46.50	Concrete .....	49,976.78	46,851.82	0.00
70	5	Charlotte .....	4,378.00	Concrete .....	901,166.53	593,809.91	0.00
71	4	Brevard .....	174.00	Concrete .....	74,473.84	1,948.03	0.00
75	27	Collier .....	561.00	Concrete .....	130,068.84	34,630.26	0.00
715-B	28	Union-Bradford .....	783.00	Conc-Steel .....	79,872.68	17,909.38	0.00
769	5	Lee .....	4,430.00	Concrete .....	667,159.53	605,480.65	0.00
801-B	48	Union-Bradford .....	718.00	Conc-Steel .....	73,054.71	1,498.37	0.00
802-B	10	Okaloosa .....	1,986.00	Timber .....	62,207.20	16,940.39	0.00
952	3	Putnam .....	330.00	Concrete .....	91,413.96	14,787.19	0.00
Totals .....			\$32,735.50		\$2,645,159.67	\$1,584,560.23	\$ 0.00

## STATE ROAD DEPARTMENT OF FLORIDA

Over-Passes Completed December 31, 1930

Project No.	Road No.	County	Type	Length Feet	Cost	Railroad	County Participation
43	2	Marion	Concrete	120	\$ 16,601.80	Atlantic Coast Line	\$ 0.00
50-A	14	Putnam	Concrete	120	37,626.76	Atlantic Coast Line	0.00
54	1	Leon	Timber	110	3,482.52	Atlantic Coast Line	0.00
55	14	Alachua	Concrete	197	25,849.52	Seaboard Air Line	0.00
509	1	Gadsden	Timber	185	5,338.09	Louisville & Nashville	0.00
545	5	Hernando	Timber	183	8,280.56	Seaboard Air Line	0.00
565	1	Suwannee	Timber	108	3,312.17	Seaboard Air Line	0.00
567	1	Walton	Timber	77	1,370.44	Louisville & Nashville	0.00
567	1	Walton	Timber	77	1,264.21	Louisville & Nashville	0.00
573-D	2	Orange	Conc-Steel	172	31,336.09	Seaboard Air Line and Atlantic Coast Line	0.00
579	1	Holmes	Timber	110	6,160.90	Louisville & Nashville	0.00
621	1	Okaloosa	Timber	115	5,485.16	Louisville & Nashville	0.00
625	5	Citrus	Timber	94	3,227.04	Seaboard Air Line	0.00
625	5	Citrus	Concrete	130	24,875.99	Atlantic Coast Line	0.00
633-B	1	Gadsden	Concrete	120	18,455.75	Seaboard Air Line	0.00
640-B	4	Martin	Concrete	132	33,226.99	Florida East Coast	0.00
652	33	Okaloosa	Timber	113	4,635.01	Louisville & Nashville	0.00
657	6	Jackson	Timber	114	3,674.45	Louisville & Nashville	0.00
670	6	Jackson	Timber	111	5,087.31	Louisville & Nashville	0.00
673	1	Gadsden	Timber	111	6,195.95	Georgia, Florida & Alabama	0.00
682-B	5	Citrus	Conc-Steel	247	52,614.51	Seaboard Air Line and Atlantic Coast Line	0.00
687-A	2	Lake	Concrete	120	17,126.51	Atlantic Coast Line	0.00
691	4	Indian River	Concrete	285	60,667.78	Florida East Coast	0.00
698	19	Leon	Timber	112	2,890.76	Atlantic Coast Line	0.00
717	28	Bradford	Timber	113	5,243.76	Southern	0.00
720	11	Jefferson	Timber	209	11,300.50	Seaboard Air Line and Atlantic Coast Line	0.00
723	19	Leon	Timber	110	4,022.55	Georgia, Florida & Alabama	0.00
723	19	Leon	Timber	110	3,930.15	Seaboard Air Line	0.00
728	10	Leon	Timber	112	4,353.32	Seaboard Air Line	0.00
758-B	2	Polk	Concrete	131	22,359.29	Atlantic Coast Line	0.00
764-B	50	Suwannee	Concrete	111	17,936.62	Atlantic Coast Line	0.00
820-B	96	Jefferson	Timber	114	4,836.08	Seaboard Air Line	2,218.75
862	1	Duval	Concrete	1,420	333,600.62	Terminal	249,090.85
Totals				5,693	\$786,369.16		\$ 251,309.60



Road 44, Rock Base Slag Surface Treated



Road 5, Green Bridge Over Manatee River





STATE ROAD DEPARTMENT OF FLORIDA  
Under-Passes Completed December 31, 1930

Project No.	Road No.	County	Type	Cost	Railroad
37-B	2	Alachua .....	Concrete	\$ 35,653.23	Seaboard Air Line
50-A	14	Putnam .....	Concrete	71,960.62	Atlantic Coast Line
58	1	Jefferson .....	Concrete	12,599.12	Atlantic Coast Line
553-B	2	Marion .....	Concrete	20,007.92	Seaboard Air Line
586	1	Jackson .....	Concrete	35,946.72	Louisville & Nashville
698-B	19	Leon .....	Concrete	13,876.18	Seaboard Air Line
728	10	Leon .....	Concrete	18,208.30	Seaboard Air Line
Totals .....				\$208,252.09	

STATE ROAD DEPARTMENT OF FLORIDA  
Unit Prices of Items Let to Contract on Bridges, 1929

Proj. No.	Contractor	Concrete—Cubic Yards					Bridge Floors	Conc. Hand Rail	Steel—Lbs.		Machinery	Met. Hand Rail	Struc. Timber		Piling			Sand Cem. Rip-Rap Cu. Yards	Surfacing Bridge Floor Sq. Yards	Side Walks Lin. Ft.
		Substructure			Superstruct.				Reinf.	Struc.			Treated M.F.B.M.	Untreated M.F.B.M.	Treated Lin. Ft.	Untreated Lin. Ft.	Pre-Cost Lin. Ft.			
		A	A-A	Seal	A	A-A														
73-B	Cone Bros.	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
757-B	Florida Bridge & Const. Co.	23.00			21.00		2.60	0.045								3.00				
758-B	Cone Brothers	20.50			26.50		3.00	0.045								4.00				
70	Raymond Conc. Co.	21.00			23.00		2.00	0.045								4.50		12.00		
63-B-1	W. S. Lockman Const. Co.		30.00	30.00		30.00	2.50	0.042	0.09				162.00		1.20	0.33	3.00			1.57
63-B-2	Murphy Const. Co.		25.60	33.00		32.00	3.00	0.05	0.045				110.00		1.25	0.70				
63-B-3	Murphy Const. Co.		25.00	26.00	35.00	25.00	3.00	0.05					140.00		1.00					
721-B	Austin Bros. Bridge Co.		25.00	26.00	36.00	26.00	3.00	0.05					140.00		1.00					
835	Sahlman & Hogan Const. Co.		25.00	42.00		20.00		0.05	0.06	0.30			100.00		1.00	0.60				
65	Fred. D. Beasley & Co.		21.00		21.00		2.50	0.045							0.50	4.00				
68-A-1	Powell Brothers		23.00	61.50		23.00	2.50	0.045	0.035	0.038					0.65					1.50
68-A-2	Foley & Milane		19.70	20.75	44.75	23.50	3.50	0.05					140.00		1.25	0.60				2.00
68-A-3	Foley & Milane.		22.00	25.00		23.00	3.00	0.05							0.70					2.40
587-B	J. M. Perkins		22.00	25.00		23.00	3.00	0.05							0.70					2.40
62-B	Florida Bridge & Const. Co.	25.00			22.00		1.80	2.00	0.045											
		26.50			26.50			2.50	0.044							2.00	4.00	10.00	2.00	

STATE ROAD DEPARTMENT OF FLORIDA  
Unit Prices of Items Let to Contract on Bridges, 1930

Proj. No.	Contractor	Concrete—Cubic Yards					Bridge Floors	Conc. Hand Rail	Steel Lbs.		Machinery and Castings	Met. Hand Rail	Struc. Timber		Piling			Sand Cem. Rip-Rap Cu. Yards	Surfacing Bridge Floor Sq. Yards	Side Walks Lin. Ft.
		Substructure			Superstruct.				Reinf.	Struc.			Treated M.F.B.M.	Untreated M.F.B.M.	Treated Lin. Ft.	Untreated Lin. Ft.	Pre-Cost Concrete Lin. Ft.			
		A	A-A	Seal	A	A-A														
71	Okeechobee Const. Co.	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
952	Atlantic Bridge Co.	25.00		21.00		25.00		3.00	0.048							0.40				1.00
802-B	J. R. Chambliss		42.00		25.00			4.00	0.05	0.0675	0.30		120.00		1.00	0.60	5.50			
75	Central Sta. Equip. Co., Inc.		31.80	40.00		28.20		2.00	0.0425	0.08			80.00		0.70					
66	R. C. Huffman Const. Co.		40.00	40.00		26.50		2.50	0.0475	0.0475			160.00		0.40			3.00		
715-B	Florida Bridge & Const. Co.							2.50	0.0425				100.00		1.00			2.00		
870	Central Florida Const. Co.	24.00		35.00	25.00								105.00	70.00	1.09		4.00			

## TESTING DIVISION

The Testing Division of the Department consists of a Chemical and Physical Laboratory and Offices located at Gainesville, Florida, with branch laboratories at Marianna, Williston and Ocala. In addition, field laboratories have been installed and equipped with the necessary testing equipment for field control on all concrete bridge and concrete, asphalt and surface treatment paving projects.

In October, 1929, the Testing Division building was remodeled, and the Division was reorganized and re-equipped. The building was painted, both inside and out, a new roof was put on and other necessary improvements made. The inadequate office furniture and fixtures were replaced with new ones, and new work benches, tables and cabinets were built in the laboratories. The testing equipment in both laboratories which was so worn that it was inaccurate and also the improvised equipment which was unstandard was discarded and replaced with new standard testing equipment. In some cases the amount and quantity of equipment was insufficient to meet standard laboratory demands, therefore new equipment was purchased and installed. The laboratories are now equipped to handle the testing of practically all highway materials. We are still using the compression machine of the Florida State University for our compression tests of concrete, but when we purchase a compression machine of our own and get it installed our laboratories will be as well equipped as any in the South.

On account of a great percentage of our road construction consisting of lime rock, the problem of testing this material grew to one of great magnitude. It was desired to get a chemical analysis of each car of rock shipped to State Road Projects. Our sources of supply consist of approximately fifteen (15) different quarries. At first an inspector was placed on this work to supervise the quarrying of the product from each quarry, and to obtain samples from each car and send them to the laboratory at Gainesville for test. By the time test results were available the material had been received on the projects, and in most cases used. As this control was very poor it was decided to install branch laboratories in the vicinity of the various quarries, which has been done by placing laboratories in Marianna, Williston, Ocala and one on the lower East Coast at Ojus. These laboratories sample and test each car of lime rock as it is loaded and before shipments are made. In this way, if it is necessary to make a rejection on account of unsatisfactory material, it is done at the quarry and the producer loses nothing on freight, and the State insures itself against getting any rock into the roads which is not satisfactory material.

A very economical feature in cement testing was incorporated by the Department February 1, 1930. Prior to this time all cement testing at the mill was handled by Commercial Laboratories with prices running from 1½ to 2½ cents per barrel. On the above mentioned date the Road Department through its Testing Division took over the sampling and testing of all cement produced and used in State Road Construction by the Florida Portland Cement Company, located in Tampa. An Inspector was placed at the mill, and his duties are to sample the cement as it is being stored into silos and submit the samples to the laboratory at Gainesville. The silos are sealed with Department seals, and after 28-day tests, if satisfactory, the Inspector breaks the seals and releases the cement for shipment, supervising the loading of cars and sealing same before shipments are made. During the past eleven months this Division has tested 216,600 barrels of cement from the mill at a considerable saving over what it would have cost had it been let to contract.

All drainage pipe is now being tested, and mill tests are made by the Testing Division on concrete pipe at the Jacksonville and Tampa pipe plants. We have our stencil and as the producer makes new pipe, his supply is tested, and if results are satisfactory, the sections of pipe are stenciled

with the Department's mark and stored on the yard until shipped. This saves time and money in pipe testing and gives results more quickly to the field engineers.

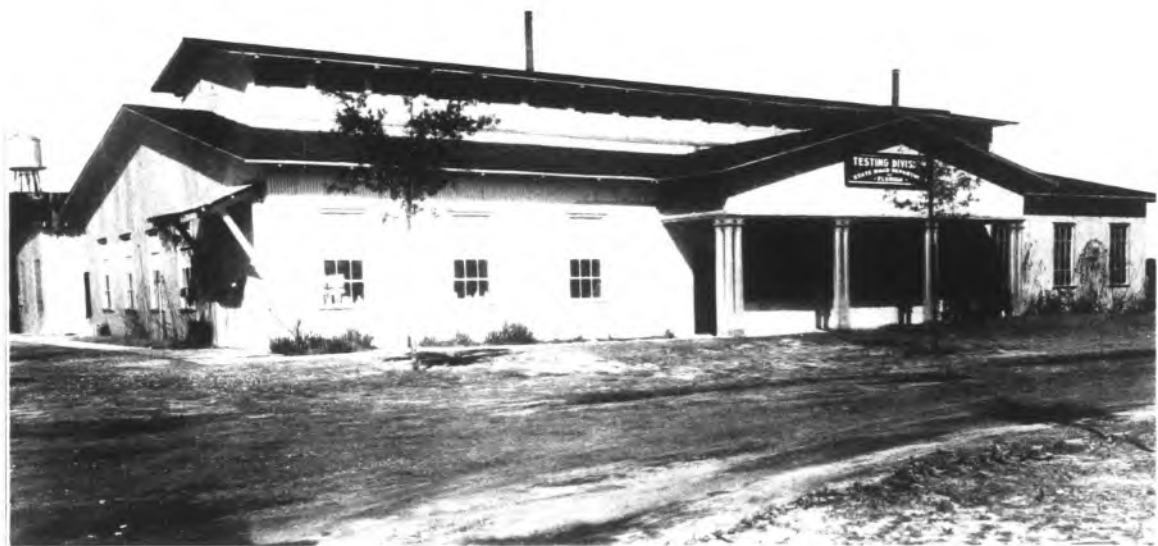
In addition to the above mentioned tests our regular routine testing is carried on daily in the laboratory, and materials are sent in from all projects throughout the State, and test results are furnished the field engineers before materials are used. We have minimum test requirements which we must meet, and the field engineers cooperate in submitting test specimens so that no material is used without first being tested. The Testing Division operates a truck weekly to the various projects to assist in getting test specimens to the laboratory. In addition to collecting samples the one in charge of this truck is a trained construction engineer, who checks up the equipment, materials and construction on each project and furnishes a report of same.

All the design and control of concrete and asphalt mixtures is handled through the Testing Division which also equip field laboratories, and train inspectors for field control work on each concrete bridge, concrete or asphalt paving project. Before a new job is started, preliminary materials are submitted to the laboratory and all preliminary tests are made. From this data the mix, for the various classes of concrete, is designed and batches of concrete are made in the laboratory, from which test cylinders are cast, cured and tested. Each project has test results of the design mix before construction begins. After construction begins the plant inspector furnishes reports daily of his tests on materials and also the mix control of the concrete or asphalt. These reports are studied in the Testing Division and in this manner the Division is constantly in contact with each active project.

Recently, the Testing Division has been equipped for making sub-soil tests and it is planned for the near future to make sub-soil surveys on all projects, where it is deemed necessary, complete tests and submit reports before projects are let to contract. From these reports a study can be made of the different classes of soil which comprise the sub-soil, and from this the type of pavement can be designed which is the most suited to the soil conditions. This survey also shows weak soils, which may be conditioned by treating with other materials, which will add longer life of service to the pavement that is to be placed upon it.

To determine the thickness of concrete pavements, also the compressive strength of the concrete, the Testing Division uses a six-inch core drill, mounted on a truck. This equipment is sent to each concrete paving project when completed and cores are drilled at regular intervals and sent to the laboratory, where three point measurements are made, and recorded. The cores are then capped and tested for compression.

In cement and concrete testing, it is very essential that all test specimens be cured the required length of time in a curing room, which has a constant temperature of 70 degrees F., and 95 to 100 per cent humidity. To meet the requirements for temperature and humidity it was necessary to construct a curing room which would give the desired results. This has been done by this Division, and we feel that we have one of the best curing rooms that can be found in any laboratory. The design, and supervision of construction of this room was done by our own employees. The room consists of a 12'x14'x10' concrete room with walls six inches thick, made of 1:2:3 reinforced concrete and water-proofed on the inside. Series of shelves are around the walls of the room for storing concrete test specimens. The front of the room has one door and two windows. The door leads into the room and a window on each side of the door leads into an immersion storage tank for briquetts and a 24-hour moist cabinet for briquetts and pats. These windows and doors are constructed air tight. To maintain humidity and temperature in the room, water is used, which passes through a frigidaire cooling system, then an electrical immersion heater, which is automatically controlled by thermostats in the room. A recording thermometer is mounted on the outside of the room which records the curing room temperature at all times. One feature of this curing room which is seldom seen in others, is the grouping of the curing room, immersion tanks and moist



Testing Division Building  
Gainesville, Florida



Chemical Laboratory of Testing Division



Physical Laboratory of Testing Division

chamber all in one and under the same temperature and humidity control. Generally, they are found in most laboratories as three separate units which require more equipment and attention than when arranged as one unit.

A system of reporting test data on completed projects has been incorporated by this Division which is very full in detail. In addition to daily test reports being furnished on tests of all materials as the tests are completed, when a project is finished, a final report is prepared which consists of a letter, giving in detail all tests which have been made on materials entering into the construction of the project. Supplementing this letter are blue prints showing detailed information and graphs of all features of the testing work. If the project is a concrete paving job, these graphs include, dates concrete was placed, station numbers of each day's work, the mix for each day, cement factor, water-cement ratio, 7 and 28-day compressive strength results, 7, 14 and 28-day flexural strength results, 90-day strength of cores drilled from the pavement, height of the cores which is the pavement thickness, and the minimum and maximum temperatures of each day concrete was placed. In addition general information is furnished giving the different materials used, and the average of the various test results. Other blue prints are furnished which consist of tabulations of all tests made, such as cement, fine and coarse aggregate and a miscellaneous sheet showing test data of all other materials, such as bituminous materials, paints, steel, water, etc. This final report gives a brief summary of all work done by the Testing Division on each project.



# TESTS MADE DURING 1929-1930

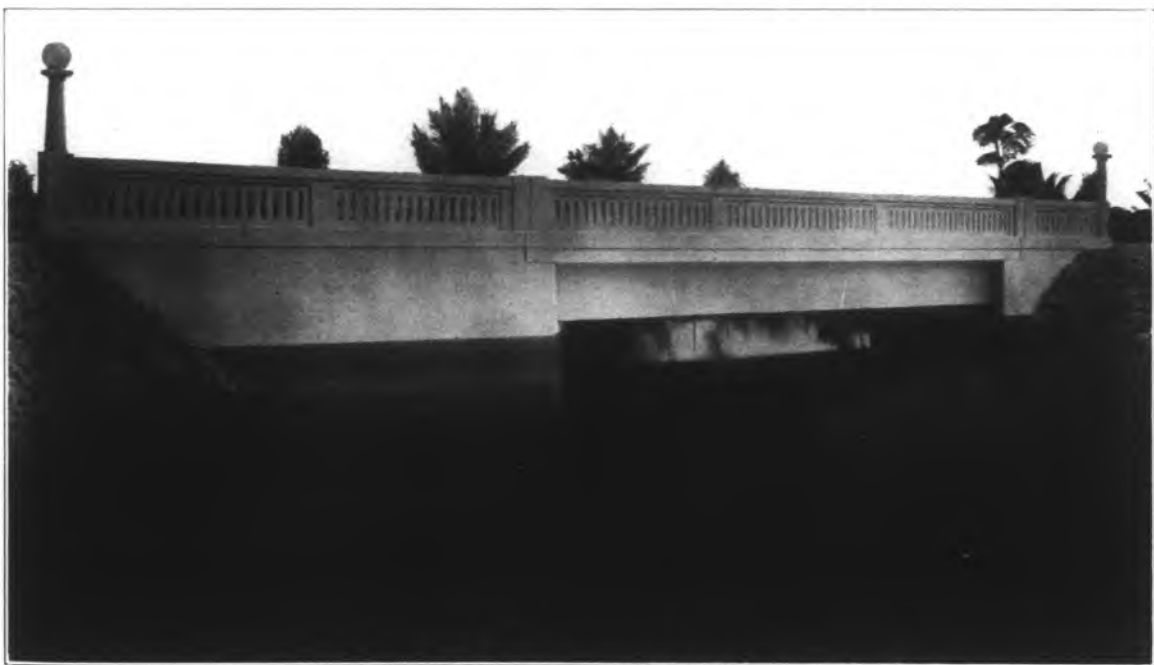
Materials	Number of Tests
Asphalt binder mixtures .....	63
Asphaltic cements and road oils.....	499
Asphalt pavement cores (measurement).....	762
Asphalt—Sands .....	96
Asphalt—Wearing surface and plant sample analyses .....	155
Asphalt—Joint filler .....	29
Asphalt—Mineral filler .....	22
Asphalt—Kyrock .....	12
Asphalt—Macasphalt .....	103
Asphalt—Plank bridge flooring .....	5
Bronze bearing plate .....	1
Concrete, Compression tests.....	12,599
Concrete, Flexual tests .....	21
Concrete, Cores .....	1,115
Concrete, Sands—complete tests.....	1,474
Concrete, Sands—chemical analyses.....	323
Concrete, and Asphalt coarse aggregates.....	1,580
Concrete, and other aggregate, Abrasion tests.....	349
Concrete, Water .....	168
Concrete, Coarse aggregate, accelerated soundness .....	2
Concrete, Coarse aggregate, gradation only .....	996
Cements—physical tests .....	1,794
Cements—chemical analysis .....	51
Clay .....	39
Creosote oil .....	37
Deflecting plate .....	1
Lime rock—chemical analysis.....	11,801
Lime rock—cementation tests .....	4
Mortar—3"x6" research tests .....	201
Paints .....	78
Pipe—concrete .....	84
Pipe—vitrified clay .....	26
Pipe—cast iron .....	20
Pipe—corrugated metal .....	5
Surface treatment mix.....	3
Steel—reinforcing bars .....	587
Steel—pipe .....	1
Sub-soil .....	340
Tars .....	452
Unit weight determinations—aggregates.....	191
Woven wire guard fence.....	12
Wire .....	1
Total number of complete tests made by laboratory .....	29,242
Total number of complete tests made by field branch laboratories.....	6,289
Grand Total .....	35,531

In addition to the above tests, there are a great many tests which have been made and not listed above. These are the tests made by our field inspectors. They are furnished the necessary testing equipment to carry on their work and make numerous tests such as mechanical analyses of fine and coarse aggregates, moisture, specific gravity and unit weight determinations, colorimetric tests on sands, weight tests of cement, penetration tests of asphaltic cements, density determinations of pavements, and other tests which are too numerous to include in this report.

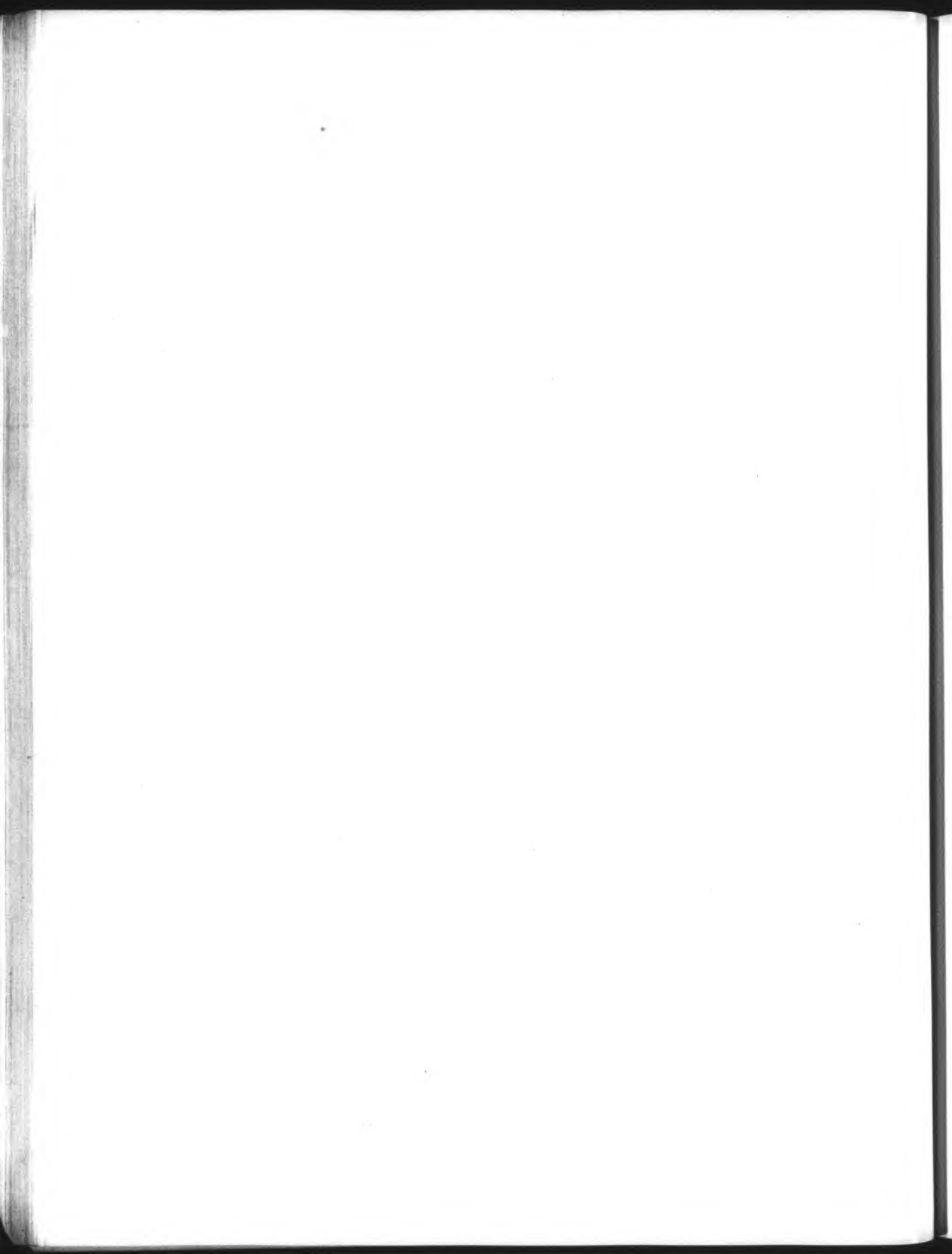




Road 10, Sand Asphalt Base and Surface Course



Federal Aid, Road 4, Himmarshee Canal Bridge



STATE ROAD DEPARTMENT OF FLORIDA  
Expense Testing Division, Years 1929 and 1930

	Salaries & Expenses	Operating Expense s	All Other Expenses	Total Expenses	Permanent Plant	Grand Total
Total Plant Expenses, 1929..	\$15,168.85	\$ 1,634.86	\$ 431.42	\$17,235.13	\$ 1,639.33	\$18,874.46
Total Field Expenses, 1929..	15,354.64	.....	217.43	15,572.07	.....	15,572.07
	<u>\$30,523.49</u>	<u>\$ 1,634.86</u>	<u>\$ 648.85</u>	<u>\$32,807.20</u>	<u>\$ 1,639.33</u>	<u>\$34,446.53</u>
Total Plant Expenses, 1930..	15,768.25	11,659.01	1,571.34	28,998.60	19,434.70	48,433.30
Total Field Expenses, 1930..	47,572.69	.....	620.61	48,193.30	.....	48,193.30
Grand Total.....	<u>\$63,340.94</u>	<u>\$11,659.01</u>	<u>\$2,191.95</u>	<u>\$77,191.90</u>	<u>\$19,434.70</u>	<u>\$96,626.60</u>

Charges shown as Field Testing has been charged out to projects. This expense included testing by Pittsburg Testing Laboratory, Southern Testing Laboratory, Robt. W. Hunt Testing Laboratory and H. C. Nutting Company.

**STATE ROAD DEPARTMENT OF FLORIDA**  
**Contracts Awarded By State Road Department January 1, 1929, to December 20, 1929**

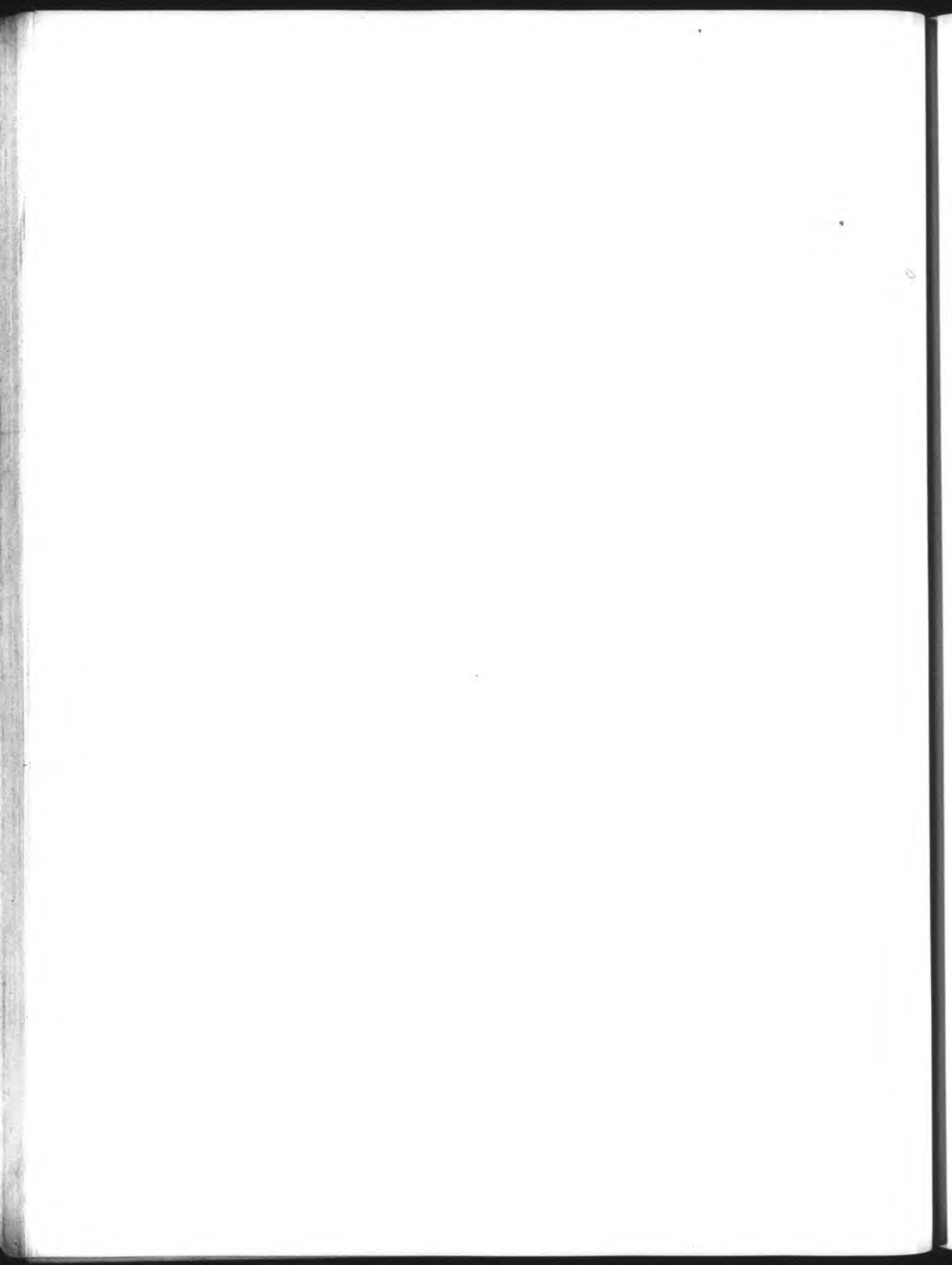
Project No.	Road No.	County	Contractor	Length Miles	Length Feet	Contract + 10%	Type
<b>FEDERAL PROJECTS</b>							
55	14	Alachua	L. M. Gray	16.77		\$ 206,412.32	Rock Base Surface Treated
6	1	Madison	Duval Engr. & Contr. Co.	5.45		91,560.17	Rock Base Surface Treated
40-B	4	Brevard	I. B. Purdy			10,565.72	Embankment
62-B	24	Osceola	Florida Bridge & Const. Co.		789.0	115,447.66	Concrete Bridge
64-A	17	Hillsborough	H. E. Wolfe Const. Co.	9.609		257,589.40	Concrete
64-C	17	Hillsborough	H. E. Wolfe Const. Co.	9.61		239,707.82	Concrete
65	5	Hillsborough	Fred. D. Beasley		423.34	103,856.44	Concrete
68-A1	4	Palm Beach	Powell Brothers		199.19	62,038.95	Concrete
68-A1	4	Palm Beach	Nashville Bridge Co.		40.00	27,199.70	Bascule
68-A2	4	Broward	Foley & Milane		46.5	27,703.83	Concrete
68-A3	4	Broward	Foley & Milane		46.5	24,259.40	Concrete
63-B1	4	Palm Beach-Broward	W. S. Lockman Const. Co.		191.12	57,531.88	Concrete
63-B1	4	Palm Beach-Broward	Nashville Bridge Co.		60.00	31,537.00	Bascule
63-E2	4	Broward	Murphy Const. Co.		203.81	50,706.64	Concrete
63-B3	4	Broward	Murphy Const. Co.		134.31	38,027.33	Concrete
62-A	24	Osceola	L. B. McLeod Const. Co.	1.10		19,774.92	Rock Base Surface Treated
62-C	24	Osceola	L. B. McLeod Const. Co.	12.091		231,519.14	Rock Base Surface Treated
63-A	4	Palm Beach	Morgan-Hill Paving Co.	9.212		264,747.95	Concrete
70	5	Charlotte	Raymond Concrete Pile Co.		4,378.4	901,166.53	Concrete
Total Federal Aid				63.84	6,512.17	\$2,761,352.80	
<b>STATE PROJECTS</b>							
624	50	Hamilton	Manly Const. Co.	6.23		\$ 84,888.18	Rock Base Surface Treated
858	4	Duval	F. S. Whitney	7.00		68,438.10	Macasphalt
678	10	Bay	McVay Lindsay & Son	5.00		9,295.00	Hauling
695	2	Lake	Manly Const. Co.	0.40		5,380.54	Rock Base Surface Treated
669-Y	27	Collier	Kerr & Lawrence	13.55		99,705.56	Grading
854	60	Walton	G. W. Byrd	9.81		85,160.28	Sand Clay
855	60	Walton	C. C. Moore Const. Co.	9.32		90,311.26	Sand Clay
661	2	Lake	Manly Const. Co.	.14		9,313.15	Sheet Asphalt
767-688	10	Bay	H. W. Johnson		75.0	2,567.88	Timber
806-A	25	Hendry	R. C. Huffman Const. Co.	11.00		32,594.05	Clearing, Grubbing and Grading
806-C	25	Hendry	R. B. Stewart	11.00		44,761.37	Clearing, Grubbing and Grading
806-D	25	Hendry	R. C. Huffman Const. Co.	12.76		62,950.91	Clearing, Grubbing and Grading
518	5-A	Lafayette	Broadbent Const. Co.	17.57		244,783.73	Rock Base Surface Treated
587-B	5-A	Columbia	Perkins & Lawson		99.0	11,405.71	Concrete Bridge
678	10	Bay	McVay Lindsay & Son	4.00		13,860.00	Hauling
715	28	Union	L. M. Gray	5.26		70,922.96	Rock Base Surface Treated
	25	Palm Beach	Southern Asphalt Co.	4.00		5,575.87	Surface Treatment
716	28	Bradford	Duval Engr. & Contr. Co.	11.22		157,799.23	Rock Base Surface Treated
587	5-A	Columbia	Duval Engr. & Contr. Co.	4.43		53,885.30	Rock Base Surface Treated
718	5-A	Columbia	Duval Engr. & Contr. Co.	8.22		101,724.95	Rock Base Surface Treated
815	54	Okaloosa	G. W. Byrd	12.50		27,434.00	Sand Clay
717-706-A	28	Bradford-Clay	Manly Const. Co.	12.06		173,340.83	Rock Base Surface Treated
749-750	14	Gilchrist	L. B. McLeod Const. Co.	8.52		100,722.27	Rock Base Surface Treated
820	96	Jefferson	H. D. Spangler & Co.	9.38		63,088.18	Graded and Drained
821	96	Jefferson	H. D. Spangler & Co.	5.13		25,478.80	Graded and Drained
615	5	Sarasota	L. B. McLeod Const. Co.	1.20		20,359.90	Surface Treatment
728	10	Leon	Robert G. Lassiter & Co.	11.76		245,718.22	Concrete
742	13	Alachua	L. B. McLeod Const. Co.	7.65		85,343.11	Rock Base Surface Treated
669-Y	27	Collier	Wm. P. McDonald Const. Co.	3.00		48,974.75	Rock Base Surface Treated
695	2	Lake	Manly Const. Co.	6.03		89,689.93	Rock Base Surface Treated
863	56	Columbia	L. M. Gray	1.476		30,078.51	Rock Base Surface Treated
866	17	Hillsborough	Cone Brothers Const. Co.	.50		19,075.00	Asphalt Block
644-C	10	Wakulla	L. B. McLeod Const. Co.	5.05		89,542.16	Rock Base Surface Treated
721-B	3	Putnam	Austin Brothers Bridge Co.		368.58	120,321.41	Concrete and Steel
835	5	Marion-Citrus	Sahlman & Hogan Const. Co.		264.56	26,850.34	Concrete
870	143	Palm Beach	S. J. Groves & Sons	10.88		115,289.57	Rock Base Surface Treated
706-A	28	Clay-Putnam	T. B. Gillespie, Inc.	10.83		167,332.44	Rock Base Surface Treated
755	17	Polk	John Johnson			12,645.20	Earth Grade
Total State				246.88	807.14	\$2,716,528.65	
GRAND TOTAL				310.72	7,319.31	\$5,477,881.45	



Road 28, Rock Base Crushed Stone Surface Treated, Showing Resiliflex Guard Rail



Road 5, Rock Base Slag Surface Treated



**STATE ROAD DEPARTMENT OF FLORIDA**  
**Contracts Awarded By State Road Department January 1, 1930, to December 22, 1930**

Project No.	Road No.	County	Contractor	Length Miles	Length Feet	Contract + 10%	Type
<b>FEDERAL PROJECTS</b>							
70	5	Charlotte	Tampa Shipbldg & Engr. Co.	.....	75	\$ 45,676.40	Bascule
73-B	17	Polk	Cone Bros. Construction Co.	.....	305	43,984.54	Concrete Bridge
20	1	Holmes-Washington	Florida Basic Rock Co.	2.0	.....	19,800.00	Rock Base
62-A	24	Osceola	L. B. McLeod Construction Co.	5.22	.....	123,676.65	Rock Base Surface Treated
73-A	17	Polk	Wm. P. McDonald Const. Co.	3.66	.....	88,283.19	Macasphalt
63-C	4	Broward	R. G. Lassiter & Co.	13.24	.....	470,941.54	Concrete
74	2	Orange	Manly Construction Co.	14.34	.....	387,032.94	Asphalt Concrete
65	5	Hillsborough	C. C. Moore Construction Co.	.30	.....	23,780.90	Rock Base Surface Treated
40-B	4	Broward	L. M. Gray	.31	.....	10,484.43	Rock Base Surface Treated
68-A	4	Broward	S. P. Snyder & Sons	.37	.....	28,972.93	Rock Base Surface Treated
62-A	24	Osceola	L. B. McLeod Construction Co.	5.87	.....	104,950.53	Rock Base Surface Treated
62-D	24	Osceola	L. B. McLeod Construction Co.	12.66	.....	307,070.29	Rock Base Surface Treated
57	3	Nassau-Duval	R. C. Huffman Construction Co.	3.40	.....	173,830.52	Embankment
66	5	Sarasota	R. C. Huffman Construction Co.	.....	459	128,288.17	Concrete Bridge
75	27	Collier	Central Station Equipment Co.	.....	561	125,332.26	Concrete Bridge
53-D	2	Lake	C. C. Moore Construction Co.	4.48	.....	89,131.49	Clearing, Grading and Grubbing
71	4	Brevard	Okeechobee Construction Co.	.....	174	74,473.84	Concrete
73-D	17	Polk	John J. Quinn, Inc.	9.92	.....	289,544.58	Concrete
Total Federal Aid				75.77	1,574	\$2,535,255.20	
<b>STATE PROJECTS</b>							
757-B	2	Polk	Florida Bridge & Const. Co.	.....	117	\$ 15,234.78	Concrete Bridge
758-B	2	Polk	Cone Bros. Construction Co.	.....	436	59,267.06	Concrete Bridge
698	19	Leon	H. E. Wolfe Const. Co., Inc.	12.45	.....	276,425.45	Concrete
721-B	3	Putnam	L. M. Gray	.25	.....	18,829.00	Rock Base Surface Treated
835	5	Marion-Citrus	Manly Construction Co.	.15	.....	4,439.71	Rock Base Surface Treated
587-B	5-A	Suwannee	Duval Engr. & Const. Co.	.34	.....	17,736.22	Rock Base Surface Treated
876-A	78	Duval-St. Johns	Standard Dredging Co.	8.00	.....	81,574.76	Shell Base
758	2	Polk	A. E. Campbell	.10	.....	2,095.74	Rock Base Surface Treated
500-B&C							
515	20	Bay-Jackson	Marianna Lime Products Co.	29.43	.....	328,212.85	Rock Base
750	14	Gilchrist	L. M. Gray	12.26	.....	109,936.23	Rock Base
669-Y	27	Collier	Fred. D. Beasley, Inc.	10.55	.....	22,320.49	Surface Treatment
769	5	Lee	Fred. D. Beasley, Inc.	1.89	.....	26,988.64	Rock Base
870	143	Palm Beach	Central Florida Const. Co.	.....	135	8,790.26	Timber
766	10	Bay	Florida Bridge & Const. Co.	.....	555	4,461.47	Timber
688	10	Bay	R. J. Arrington & Son	.....	60	396.16	Timber
767	10	Bay	J. U. Fletcher	.....	45	751.43	Timber
669-C	27	Dade	Everglades Construction Corp.	9.48	.....	13,183.50	Rock Cap
911	68	Bradford	Duval Engr. & Const. Co.	3.50	.....	24,069.54	Rock Base
714	28	Union	F. W. Long & Co.	9.14	.....	88,172.06	Rock Base
708	11	Jefferson	Duval Engr. & Const. Co.	7.98	.....	130,331.33	Rock Base Surface Treated
806-A	25	Hendry	E. F. Powers Construction Co.	11.00	.....	199,911.51	Rock Base Surface Treated
715-B	28	Union-Bradford	Florida Bridge & Contr. Co.	.....	783	79,872.68	Concrete Bridge
898	4-A	Monroe	The Belcher Oil Co.	5.00	.....	5,982.24	Surface Treated
745	19	Taylor	Fred. D. Beasley	15.95	.....	190,777.88	Rock Base
876-C	78	Duval-St. Johns	R. G. Lassiter & Co.	19.20	.....	330,866.43	Rock Base
884	3	Duval	Baker & Holmes	.50	.....	7,425.00	Concrete
869	29	Glades	Reid & Bryan	9.04	.....	128,714.13	Grading
720	11	Jefferson	Duval Engr. & Contr. Co.	9.70	.....	191,955.23	Rock Base Surface Treated
608-B-2	4	Brevard	J. D. F. Boggs	1.07	.....	36,034.58	Rock Base Surface Treated
677-B	13	Levy	Langston Construction Co.	12.58	.....	150,760.36	Rock Base
741	13	Alachua	L. M. Gray	1.00	.....	11,918.50	Rock Base
770	22	Brevard	Standard Asphalt Co. of Fla.	3.30	.....	54,906.65	Rock Base Surface Treated
915	140	Palm Beach	E. F. Powers Construction Co.	2.00	.....	31,318.10	Rock Base (Sand)
892-951	30	Indian River	Fred. D. Beasley, Inc.	.....	.....	42,075.00	Rock Base (Sand)
535	5-A	Lafayette	Wm. P. McDonald Const. Co.	13.20	.....	186,802.08	Rock Base
802-B	10	Okaloosa	J. R. Chambliss	.....	1,986	62,207.20	Timber
695	2	Lake	Manly Construction Co.	2.48	.....	5,130.77	Clearing, Grading and Grubbing
952	3	Putnam	Powell Brothers	.....	360	91,413.96	Concrete and Steel
884	3	Duval	Walter J. Bryson Paving Co.	.....	.....	9,829.60	Hot Mix
884	3	Duval	Macasphalt Corp. of Florida	4.00	.....	34,288.02	Macasphalt
884	3	Duval	Capital Concrete Co.	.....	.....	32,654.20	Concrete
883	4	Duval	John E. Ballenger Const. Co.	4.72	.....	108,914.92	Macasphalt
885	3	Duval	Robert G. Lassiter	4.86	.....	110,589.73	Macasphalt
685	10	Franklin	Nelson Brothers	.....	.....	7,623.00	Hauling
727	47	St. Johns	L. M. Gray	6.00	.....	77,164.95	Rock Base
801-B	48	Union-Bradford	Board Commissioners State Ins.	.....	718	73,054.71	Concrete
806-C-D	25	Hendry	L. B. McLeod Construction Co.	23.69	.....	312,633.81	Rock Base
Total State				254.81	5,195	\$3,808,041.92	
GRAND TOTAL				330.58	6,769	\$6,343,297.12	

STATE ROAD DEPARTMENT OF FLORIDA  
Traffic Census Report—1929

Road No.	Location	January		February		March		April		May		June	
		Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks
1	Black Water River Bridge	881	126	1,166	66					637	175		
1	Victory Bridge	962	158	1,843	60	2,087	78	958	143	1,025	183	984	128
1	Ellaville	523	86	878	62	840	58	531	58	686	116	470	73
2	White Springs	951	184	1,094	77	997	69	580	94	541	69	669	73
2	High Springs	904	215	1,377	110	1,165	260	922	144	1,019	115		
2	Bellevue	1,679	109	2,208	55	2,183	123	1,349	252	1,172	229	1,233	205
2	Kissimmee-Orlando	2,748	255	4,010	324	3,620	301	1,848	142	1,440	108	1,256	112
2	Kissimmee-Lakeland	2,522	249	2,268	244	1,994	115	3,949	221	2,620	442	1,513	195
2	Arcadia	855	140	1,070	175	1,202	161	921	268	737	109	934	106
3	Wilds Landing	526	66	987	00			607		527		514	47
3	Orlando-Sanford			1,691	134	1,655	159	1,514	123	1,294	182	1,010	200
3	Dunn's Creek	555	181	669	224	708	148	490	252	513	71	404	95
4	Callahan	848	164	1,070	115	980	113	1,045	157	1,370	422	709	131
4	Bunnell	735	99	777	117	884	145	582	121	532	128	551	105
4	Sharpes	1,396		1,883		1,582							
4	Vero	1,508	225	1,802	204	1,580	185						
4	Dade-Broward			1,556	180	1,288	154						
5	Dunnellon	972	111	1,055	190	1,135	170	957	121	918	174	953	173
5	Brooksville	3,375	83	1,545	139	921	62	811	306	538	81	802	162
5	Palmetto-Ellenton	833	221	841	167	802	182	830	276	719	208	824	128
17	Lakeland-Plant City	1,609	236	1,999	215	1,627	255	1,288	291	1,229	227	1,779	171
17	Tampa-Oldsmar	1,192	130	1,189	138	1,295	105	1,007	130	966	126	1,005	99
24	Kissimmee-Melbourne	1,044		1,559		870							
27	Carnestown	422	46	908	45	568	25	137	15				
Total		27,040	3,084	35,445	3,041	29,983	2,868	20,326	3,114	18,483	3,165	15,610	2,203

Road No.	Location	July		August		September		October		November		December	
		Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks
1	Black Water River Bridge							695	187	958	72	991	163
1	Victory Bridge	1,079	133	1,036	110	914	193	957	147	1,784	90	1,392	78
1	Ellaville	724	72	734	65	550	88	563	98	676	51	1,185	72
2	White Springs	847	108	1,060	99	568	119	567	124	944	50	1,015	65
2	High Springs	1,041	137	1,028	135	828	140	694	150	1,287	131		
2	Bellevue	1,102	164	1,186	115	787	124	770	125	1,204	87	1,423	131
2	Kissimmee-Orlando	887	153	882	73	1,045	185	1,401	59	1,179	53	1,429	220
2	Kissimmee-Lakeland	1,132	111	1,163	167	1,353	315	1,280	201	1,686	205	1,672	117
2	Arcadia	498	61	615	70	883	97	466	92	746	172	937	72
3	Wilds Landing	518	54	642	60	486	67	429	51	636	18	801	46
3	Orlando-Sanford	785	112	1,262	162	827	216	1,079	192	863	161	1,482	258
3	Dunn's Creek	425	87	761	108	646	138	544	83	646	130	984	144
4	Callahan	843	181	997	223	882	297	917	311	1,044	97	1,198	216
4	Bunnell	468	83	525	77	517	87	531	107	624	45	789	98
4	Sharpes	895		985		734		1,103		1,028	50	1,454	
4	Vero	1,065	142	991	131					970	144	1,383	138
4	Dania	1,860	410	1,804	334	2,037	385	2,206	419	2,999	390	4,318	715
5	Dunnellon	845	126	1,312	136	845	204	824	210	1,318	102	1,348	142
5	Brooksville	604	75	1,047	93	484	86	725	187	805	102	1,192	104
5	Palmetto-Ellenton	623	154	665	122	684	136	608	178	782	141	745	167
17	Lakeland-Plant City	1,039	188	1,140	203	980	208	1,081	217	1,334	244	1,575	239
17	Tampa-Oldsmar	849	92	847	97	936	96	1,037	122	1,174	127	1,136	161
24	Kissimmee-Melbourne	843		975		1,114		1,164		207	50	420	33
27	Dade-Collier	188	14	188	22	115	12	121	17	547	34	303	50
Totals		19,160	2,657	21,845	2,602	18,215	3,193	19,762	3,277	25,441	2,746	29,172	3,429

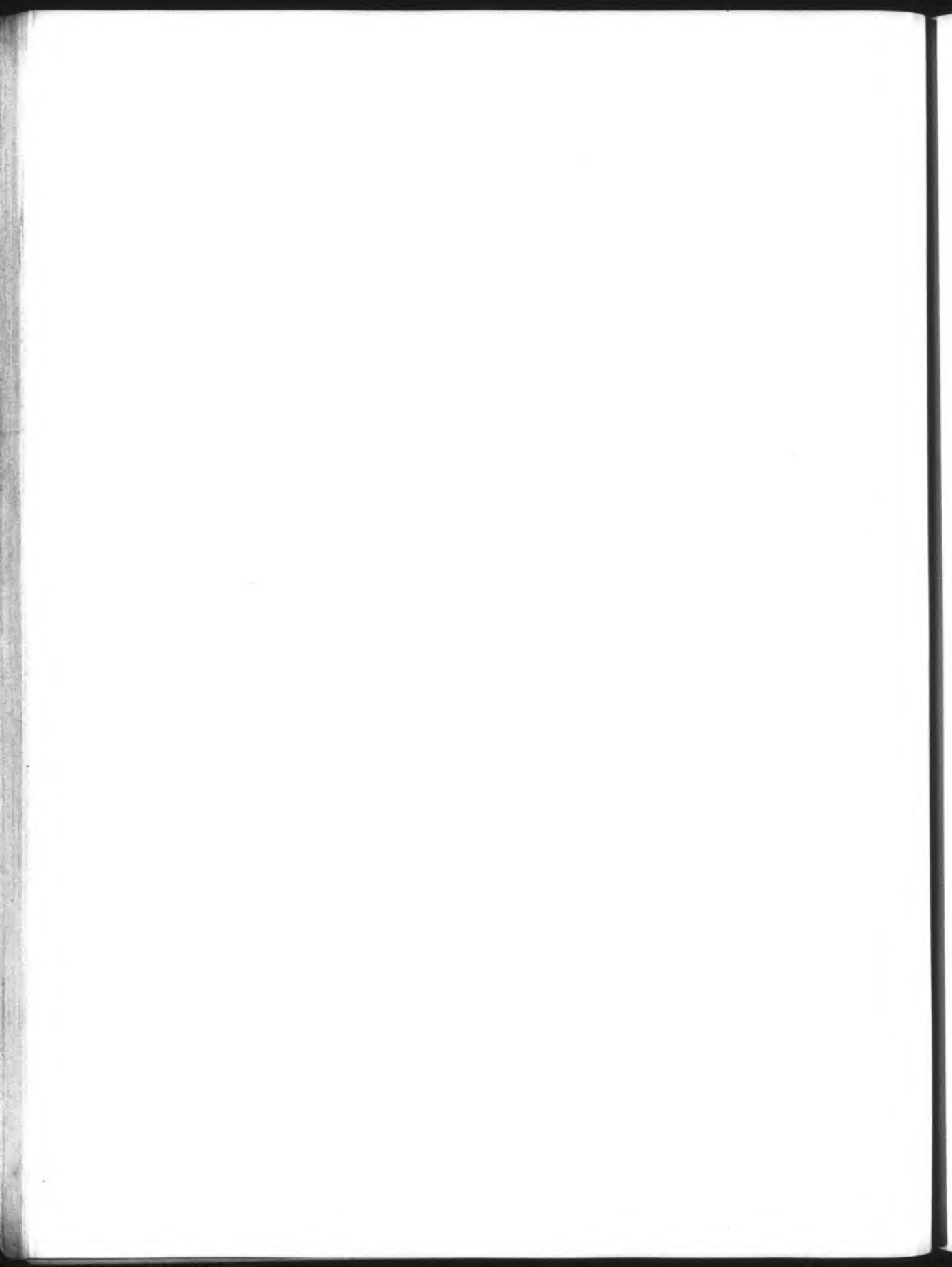




Road 28, Rock Base Crushed Stone Surface Treated



Federal Aid, Road 24, Rock Base Slag Surface Treated



# STATE ROAD DEPARTMENT OF FLORIDA

## Traffic Census Report—1930

Road No.	Location	January		February		March		April		May		June	
		Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks
1	Black Water River Bridge	581	132					695	136			899	84
1	Victory Bridge	1,047	119	937	182	1,023	121	1,023	129			1,131	71
1	Ellaville			658	83	700	81						
2	White Springs			909	90			850	26	602	41	757	102
2	High Springs	2,198	130										
2	Bellevue	1,237	49	1,343	209	1,113	174	943	206	1,266	148	1,054	179
2	Kissimmee-Orlando					1,823	80						
2	Kissimmee-Lakeland	1,603	171										
2	Arcadia	958	198	592	252	840	109	442	85				
3	Wilds Landing	892	38									476	52
3	Orlando-Sanford	1,480	198					1,315	170	1,147	73	1,013	126
3	Dunn's Creek	111		657	134	745	149	598	105	995	83	570	132
4	Callahan			854	156	954	172	815	162	890	54	673	131
4	Bunnell	803	142	903	168	1,045	160	725	112	764		715	121
4	Sharpes	1,439		1,449	124			1,065	541			2,263	28
4	Vero	1,600	110	2,048	138	1,659	220	1,427		779	62	1,312	46
4	Dania	3,849	589	4,932	681			2,317	592			335	48
5	Dunnellon	882	71	1,112	188	1,105	111	874	36	1,022	188		
5	Brooksville	895	93	980	123	1,096	126	872	100	853	53	807	57
5	Palmetto-Elletton	722	209	814	224								
17	Lakeland-Plant City	1,858	344	3,416	236	3,011	108	712	263				
17	Tampa-Oldsmar	1,235	134	1,563	121	1,087	139	992	116				
24	Kissimmee-Melbourne	357		235	61	229	54	255	51	316	35	271	
27	Carnestown	575	46	614	40	540	82	679	54	283	19	215	13
Totals		24,151	2,773	23,986	3,180	16,970	1,886	16,599	2,884	8,917	756	12,473	1,190

Road No.	Location	July		August		September		October		November		December	
		Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks	Cars	Trucks
1	Black Water River Bridge	953		1,447	177	695	322	714	253	725	219	889	115
1	Victory Bridge	1,155	135	1,650	87	1,078	185	1,036	184	974	105	1,445	203
1	Ellaville	690	55	611	127	906	171	634	127	623	122	1,088	110
2	White Springs	792	102	661	32	745	105	691	77	754	55	540	142
2	High Springs					695		578	51				
2	Bellevue	998	160	1,696	105	790		530	80			2,360	437
2	Kissimmee-Orlando	922	136			914		1,011	120	1,376	203	1,416	
2	Kissimmee-Lakeland					1,314		636	190				
2	Arcadia	573	121	392	212	905		424	181	583	30	783	144
3	Wilds Landing	676	124			392	53	250	129	450	75	768	50
3	Orlando-Sanford	516	55			789		809	332			1,174	195
3	Dunn's Creek	505	100	632	106	646		555	38	733	231	909	222
4	Callahan	579	102	1,014	74	463	68	677	40	768	226	1,013	205
4	Bunnell	721	168	759	132	598		492	110			1,506	151
4	Sharpes	974	130	488	80	690		822	50			888	81
4	Vero	1,439	314	1,198	107	775		1,017	164	656	20	1,814	239
4	Dade-Broward	1,776	299	1,836	386	2,016		527	18				
5	Dunnellon	1,032	187	1,279	100	857		1,003	19	72	32	1,723	260
5	Brooksville	709	98	1,049	56	457		219	80	666	174	1,919	164
5	Palmetto-Elletown	566	105			720		660	70				
17	Lakeland-Plant City	1,494	353	1,697	214	928		494	14	1,759	499	1,885	182
17	Tampa-Oldsmar	1,195	136	1,046	130	845		860	25	953	151	1,178	122
24	Kissimmee-Melbourne	216	57	275	65	990		264	14			463	134
27	Carnestown	213	24	378	7	403		217	10			437	9
Totals		18,694	2,961	18,108	2,197	19,611	904	15,120	2,376	11,092	2,142	24,198	3,165

## MAINTENANCE

Maintenance of the State Highway System has become a major activity and is that service which conserves the original road investment while securing safety, comfort and economy of operation for the user. Highways properly maintained will render more service and return larger dividends on the investment. Maintenance starts when construction finishes on a project, or when County built roads are taken over for maintenance.

This Department has recognized the importance of maintenance, and in the latter part of 1929 assigned the maintenance to the Assistant State Highway Engineer to reorganize with the view of coordinating the work, economy and to centralize the operations, thereby standardizing the organization as to labor, equipment and materials.

The general policy of all work is: First, economy. Second, preserving the original investment of the road. Third, safety and comfort of the traveling public, except in the case of detours—then the third becomes first.

Prior to the centralizing of the maintenance work under the Assistant State Highway Engineer, the work was being carried on under the patrol system with a Foreman and small crew in charge of twenty to forty-mile sections reporting to the Division Engineers.

January 1, 1931, the patrol system was abolished and the work centralized into units. This reduced the number of Foremen from 143 to 75 and increased the size of crews from two and three men to six and twelve men with the necessary equipment and materials to handle the work.

The supervision changed and an Engineer was placed in each Division, handling the maintenance work entirely, working in cooperation with the Division Office. Under each Division Maintenance Engineer was placed two to three Unit Engineers that handle the units assigned them, thereby creating a closer supervision of the Foremen and a more uniform operation and method of work and insuring standardization of the policies of the Department.

All detail cost accounting was centralized in the Headquarters Office and itemized cost by projects is kept, showing the cost of each operation on those things necessary to the proper maintenance of any type of road or bridges.

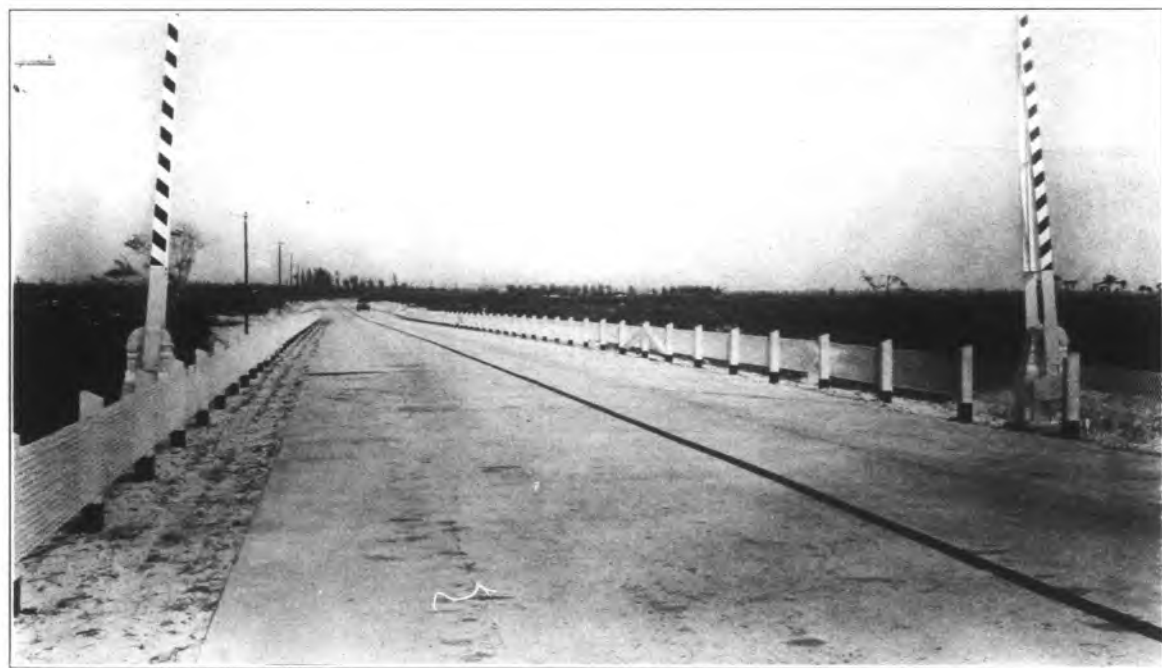
In accordance with the law, a budget is prepared showing the allotment to each project for routine maintenance and betterments. The allotment is based on the previous cost record plus or minus the amount necessary for the following year. This is determined by a personal review of each project for that purpose by the central office head, and funds are allotted for each project. In preparation of the budget and in the handling of the work, maintenance is divided under three heads: General Routine Maintenance; Betterments; and Bridge Operation and Maintenance.

Routine Maintenance is that work necessary to maintenance of the project as constructed, doing those things necessary for the preservation of the project. This work includes the care of the right-of-way, keeping same free of all brush and grass; maintenance of the shoulders, ditches and slopes and signs.

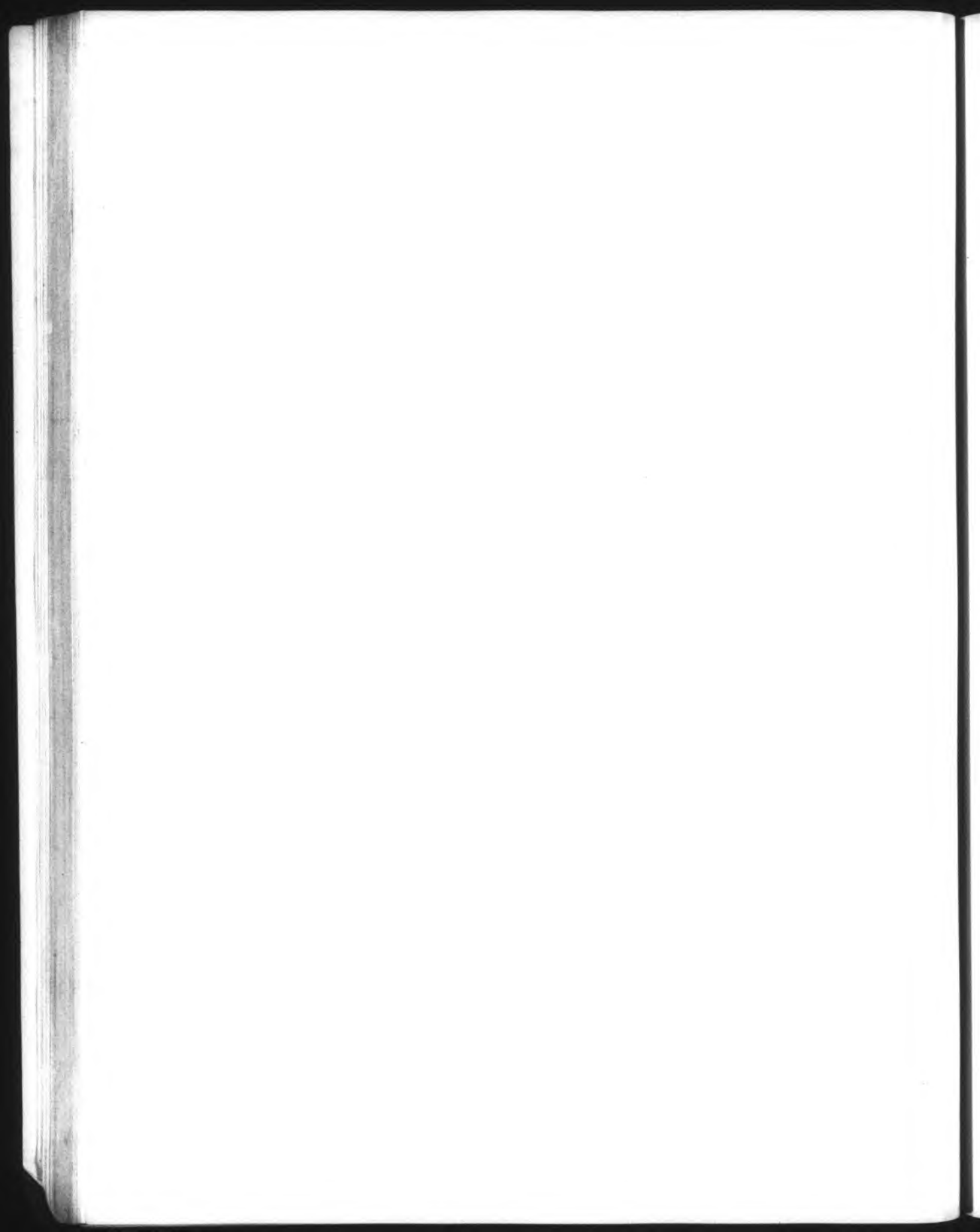
Betterments constitutes major work where a project is materially improved and the type of surface changed or increased in width. Each year Betterment items naturally increase, particularly where we have low cost roads on our main system; also in the maintenance of County constructed roads, items of Betterment are necessary to increase the service of those roads where they are carrying any volume of traffic.



Road 20, Rock Base to be Surface Treated



Federal Aid, Road 4, Concrete Approach to Hillsborough River Bridge



The Department is handling some of its maintenance work with convict labor. The Department now has on maintenance four convict camps and is, at present, preparing to install four other camps to be ready as the camps become available for this purpose, recognizing the fact that convicts have to be maintained and where there is not sufficient construction work to keep them profitably busy they are being diverted to maintenance. The maintenance of roads with convicts does not decrease the cost, due to the fact that camps have to be maintained with a smaller number of men and therefore the overhead of the camp per man is greater. However, the class of work performed by these camps is better than free labor. Therefore, what the Department loses one way it gains another.

At the end of 1928, the Department was maintaining 2795 miles of road. At the end of 1929, the mileage had increased to 3254 and in 1930 the maintenance mileage increased to 3811 miles. The budget for maintenance as of January 1, 1931, provides for maintenance of 4687 miles. From this it is noted that there is a decided increase in the mileage of roads maintained. This is due to new roads being completed but the larger per cent is County roads that have been taken over for maintenance.

The accompanying tables show the expenditures under maintenance for this biennium in detail and in the manner in which the costs are kept. The system of cost keeping that was inaugurated at the beginning of 1930 has enabled the Department to keep a more accurate and detailed cost of the work, making this information available each month which is, in turn, distributed to the men in the field as a guide to their work and management of same. In addition to this detailed cost by project, an equipment cost record is kept so that we know at all times what it is costing to maintain and operate each and every piece of equipment used on general maintenance.

Beginning this biennium the equipment for maintenance was in very bad condition having served its usefulness and during this biennium a large number of old trucks have been replaced with new trucks. There are still on hand 72 old Model "T" Fords and Chevrolets that need replacing and will be, probably during the coming year. The Department is operating the following equipment on general routine maintenance: 190 ton and one-half trucks; 6 two-ton trucks; 4 Caterpillar Tractors; 32 Wheel Tractors; 22 Road Machines and Drags.

This equipment is maintained by field repair shops of which we have five located at various points in the State, that make all necessary repairs to keep their equipment operating. These repair shops have proved very satisfactory and have enabled the Department to save money on its cost of operation and maintenance of its equipment.

All sign work is handled through the maintenance organization, including the erection of new signs and the maintenance of signs already placed. The Department has increased the number of roads materially that have been marked with standard warning and caution signs and in addition to this has recently inaugurated the marking of its roads for air travel. This marking is in accordance with the standard as adopted by the Aviation Branch of the U. S. Department of Commerce and during the coming year plan to mark on the highways the direction and location of practically all airports in the State. This is an added service to that form of transportation which is increasing every day.



## STATE ROAD DEPARTMENT OF FLORIDA

## Maintenance Cost By Projects—1929

Road	Project	County	From	To	Length	Type	Right of Way	Road Bed	Surfacing	Structures	Guard Rail	Signs	Center Line Painting	Supervision and Engineering	Total Routine Maintenance	
1	1	Okaloosa	Milligan	Holt	10.40	S. C. S. T.	\$ 49.46	\$ 2,490.51	\$ 1,115.19	\$ 64.76	\$ 11.57	\$ 17.35	\$ 6.45	\$ 122.82	\$ 3,878.11	
1	4	Madison	Greenville	Aucilla River	5.67	R. B. S. T.	124.67	1,490.67	79.99	62.03	49.96	80	2.74	76.97	1,887.83	
1	9 & Ext. 11	Holmes	Ponce de Leon	Argyle	8.70	S. C. S. T.	35.84	1,805.06	808.25	46.93	8.39	12.56	4.67	89.01	2,810.71	
1	14-A	Baker-Nassau and Duval	Baldwin	Station 948	15.39	Concrete	213.16	2,548.76	136.76	106.06	85.42	1.37	4.68	131.62	3,227.83	
		Santa Rosa	Milton	Station 338 + 80	6.02	Brick-Concrete										
						Shoulders	9.10	458.11	205.13	11.91	2.13	3.18	1.18	22.59	713.33	
1	21-A	Baker	Glen St. Marys	East Station 65	5.68	Concrete	77.08	921.68	49.45	38.35	30.80	.50	1.69	47.00	1,167.24	
1	22	Baker	Columbia County Line	Project 11	8.90	Concrete	119.37	1,427.38	76.59	59.40	47.84	.77	2.62	73.71	1,807.67	
1	23	Duval	End Jacksonville Brick	Baldwin	12.80	Concrete	197.02	2,355.87	126.41	98.03	78.95	1.27	4.33	121.66	2,983.54	
1	24	Columbia	Lake City	Baker County Line	9.89	Bit. Mac.	132.66	1,586.23	85.11	66.02	53.16	.85	2.19	81.91	2,008.85	
1	35	Escambia	Pensacola	Nunez Ferry	5.00	Concrete	18.75	955.16	422.77	24.55	4.39	6.57	2.45	46.56	1,470.20	
1	38-A	Escambia	Approach Escambia River Bridge		3.49	S. C. S. T.	16.26	819.04	366.77	21.30	3.83	5.70	2.12	40.39	1,275.41	
1	38-B	Escambia	Escambia River Bridge			T. Timber & Steel				2,066.90					2,066.90	
1	52	Escambia	Pensacola	Escambia River	10.00	Concrete	83.63	4,211.28	1,885.70	106.90	19.57	29.31	10.92	207.68	2,009.98	
1	54	Leon	Tallahassee	Jefferson County Line	19.23	Concrete	34.07	1,715.55	768.18	44.61	7.97	11.94	4.44	84.60	2,671.36	
1	58	Jefferson	Leon County Line	Monticello	6.30	R. B. S. T.	34.45	1,734.83	776.81	45.11	8.06	12.07	4.49	85.55	2,701.37	
1	59	Jefferson	Aucilla River	Monticello	9.40	Concrete	76.25	3,839.60	1,719.27	99.84	17.84	26.72	9.95	189.34	5,978.81	
1	61-A	Gadsden	Quincy	Mt. Pleasant	10.00	Concrete	39.91	2,009.50	899.80	52.25	9.34	13.98	5.20	99.09	3,129.07	
1	61-C	Gadsden	Mt. Pleasant	Chattahoochee	9.77	Concrete	38.99	1,963.29	879.10	51.05	9.12	13.66	5.09	96.81	3,057.11	
1	504	Columbia	Lake City	Suwannee Co. Line	9.15	R. B. S. T.	132.73	1,587.12	85.18	66.04	53.19	.85	2.91	81.96	2,009.98	
1	514	Jackson	Apalachicola River	West	11.04	S. C. S. T.	89.71	4,317.57	2,022.84	117.47	20.90	31.44	11.71	222.78	7,053.77	
1	525	Suwannee	Live Oak	Suwannee River	12.14	Concrete	171.30	2,048.21	109.91	85.23	68.64	1.10	3.76	103.77	2,593.92	
1	533	Suwannee	Columbia County Line	Live Oak	13.47	R. B. S. T.	195.40	2,336.46	125.37	97.22	78.30	1.26	4.29	120.66	2,958.96	
1	565	Madison	Suwannee River	Madison	15.64	Concrete	220.71	2,639.13	141.60	109.82	88.45	1.42	4.85	136.29	3,342.27	
1	567	Walton	Okaloosa County Line	DeFuniak Springs	21.35	S. C. S. T.	83.22	4,190.72	1,876.48	108.97	19.47	29.16	10.86	206.66	6,525.54	
1	571	Madison	Greenville	Madison	14.73	R. B. S. T.	323.86	3,872.52	207.80	161.14	129.78	2.08	7.11	199.98	4,904.27	
1	579	Holmes	Westville	Ponce de Leon	8.62	S. C. S. T.	4.19	211.18	94.56	5.49	.98	1.47	.55	10.41	328.83	
1	585	Santa Rosa	Milton	Pace	9.10	S. C. S. T.	42.41	2,135.72	956.31	55.53	9.92	14.86	5.53	105.32	3,325.25	
1	585-B	Santa Rosa	Blackwater River Bridge							1,637.22				1,637.22		
1	586	Jackson	Washington	Marianna	Chipley	10.47	S. C. S. T.	61.47	3,095.26	1,385.97	80.49	14.38	21.54	8.02	152.64	4,819.77
1	590	Okaloosa	Project 1	Project 14	9.00	S. C. S. T.	34.38	1,731.54	775.33	45.03	8.04	12.05	4.48	85.38	2,696.23	
1	621	Santa Rosa	Walton County Line	Milligan	17.35	S. C. S. T.	73.29	3,690.44	1,652.49	95.97	17.15	25.69	9.37	181.99	5,746.59	
1	631	Holmes	Chipley	Bonifay	8.53	S. C. S. T.	50.08	2,521.71	1,129.16	65.58	11.72	17.55	6.54	124.36	3,926.70	
1	634	Jackson	Marianna	11.15 miles East	11.15	S. C. S. T.	67.82	3,415.09	1,529.18	88.80	15.87	23.77	8.85	168.41	5,317.79	
1	638	Santa Rosa	Blackwater River	Pavement	9.00	Concrete	34.38	1,731.53	775.33	45.03	8.04	12.05	4.48	85.38	2,696.22	
1	658	Holmes	Bonifay	Caryville	8.21	S. C. S. T.	46.70	2,351.89	1,053.11	61.15	10.93	16.37	6.10	115.98	3,662.23	
1	672	Leon	Tallahassee	Gadsden Co. Line	9.92	Concrete	29.30	1,475.51	660.68	38.36	6.85	10.27	3.82	72.76	2,297.55	
1	673	Gadsden	Leon County Line	Quincy	14.97	Concrete	44.22	2,226.62	997.02	57.90	10.34	15.49	5.77	109.80	3,467.16	
1	674	Duval	Jacksonville	Enterprise	3.50	Concrete	53.87	644.19	34.57	26.80	21.59	.35	1.18	33.27	815.82	
1	697	Escambia	Perdido River Bridge Approach		3.30	S. C. S. T.	1.12	36.66	1.47	2.76	.39			2.76		
1	879	Escambia	Project 35	Project 607	8.70	Concrete	32.62	1,642.85	735.62	42.72	7.63	11.43	4.26	81.02	2,558.15	
1	880	Escambia	Pensacola	Project 35	2.00	Concrete	7.40	372.49	166.80	9.69	1.73	2.59	.97	18.37	580.04	
1-A	827	Escambia	Escambia Bay	Road 7	8.00	S. C. S. T.	66.90	3,369.01	1,508.56	87.61	15.66	23.45	8.73	166.14	5,246.06	
2	2	Osceola-Polk	Kissimmee	Station 218	4.13	Brick-Rock	117.34	1,286.64	639.06	109.91	25.14	20.77		110.31	2,309.17	
2	4	DeSoto	Arcadia	Station 162	4.10	Concrete										
2	7	Hamilton	Jasper	Georgia State Line	13.00	R. B. S. T.	50.59	554.74	275.53	47.39	10.84	8.95		47.56	995.60	
2	8	Alachua	Columbia County Line	Burnett's Lake	11.73	Bit. Mac.	315.78	1,164.68	314.31	25.04	75.48	38.06	5.77	112.59	2,051.71	
2	13	Orange	Plymouth	Mt. Dora	8.59	S. Asphalt	433.82	1,600.06	431.81	34.40	103.69	52.29	7.93	154.67	2,818.67	
2	15	DeSoto	Station 162	Carlstrom Field	4.28	Concrete-Rock										
2	19-A	Hamilton	Sisco	Volusia County Line	8.20	Shoulders	52.81	579.08	287.62	49.47	11.32	9.34		49.65	1,039.29	
2	26	Columbia	Lake City	Suwannee River	11.01	R. B. S. T.	100.86	1,205.95	64.71	50.17	40.42	.65	2.21	62.28	1,527.25	
2	27	Columbia	Lake City	Project 505	12.35	Concrete	135.41	1,619.17	86.88	67.39	54.26	.87	2.97	83.61	2,050.56	
2	31	Hamilton	Genoa	Jasper	11.86	Concrete	194.14	2,321.41	124.56	96.60	77.80	1.25	4.26	119.88	2,939.90	
2	33	Alachua	Burnett's Lake	Gainesville	12.60	R. B. S. T.	130.41	1,559.30	83.67	64.89	52.26	.84	2.86	80.52	1,974.75	
2	37	Alachua	Gainesville	Marion County Line	14.50	Bit. Mac.	594.66	2,193.29	591.90	47.16	142.13	71.67	10.87	212.02	3,863.70	
2	43	Alachua	Gainesville	Marion County Line	14.50	S. Asphalt	616.10	2,272.37	613.25	48.85	147.26	74.26	11.27	219.66	4,003.02	
2	44	Marion	Lowell	Ocala	10.44	S. Asphalt	333.31	1,229.35	331.76	26.42	79.67	40.17	6.10	118.84	2,165.62	
2	44	Lake	Marion County Line	Leesburg	10.52	Bit. Concrete	532.39	1,972.77	532.39	42.42	127.84	64.47	9.78	190.70	3,475.24	
2	53	Lake	Dead River Bridge	Tavares	8.86	Bit. Concrete	251.96	929.30	250.79	19.98	60.22	30.37	4.61	89.83	1,637.06	
2	53-B	Lake	Dead River Bridge			Concrete-Steel				179.48					179.48	
2	503	Charlotte	DeSoto County Line	Lee County Line	20.18	Marl.	518.83	5,688.86	2,825.62	485.96	111.17	91.78		487.75	10,209.97	
2	505	Columbia	Project 27	Alachua County Line	11.80	R. B. S. T.	184.28	2,203.49	118.23	91.69	73.85	1.19	4.05	113.79	2,790.57	



[illegible]

# STATE ROAD DEPARTMENT OF FLORIDA Maintenance Cost By Projects—1929—Continued

Road	Project	County	From	To	Length	Type	Right of Way	Road Bed	Surfacing	Structures	Guard Rail	Signs	Center Line Painting	Supervision and Engineering	Total Routine Maintenance
5	17	Manatee	Bullard's Creek	Hillsboro County Line	7.13	Bit. Mac	\$ 120.90	\$ 1,325.68	\$ 658.45	\$ 113.24	\$ 25.91	\$ 21.39		\$ 113.66	\$ 2,379.23
5	510-512	Hillsboro	Little Manatee River	Manatee County Line	12.30	Asphalt Block	267.88	2,946.94	1,463.72	251.74	57.59	47.54		252.66	5,288.96
5	519	Manatee	Palmetto	Project 17	7.94	R. B. S. T.	128.24	1,406.08	698.39	120.11	27.48	22.69		120.55	2,523.54
5	539	Marion	Dunnellon	Levy County Line	11.30	R. B. S. T.	380.80	1,404.50	379.03	30.19	91.02	45.90		135.77	2,474.17
5	545	Hernando	Pasco County Line	Brooksville	9.45	S. Asphalt	527.50	1,945.58	525.05	41.83	126.08	63.58	9.65	188.07	3,427.34
5	548	Levy	Alachua County Line	Marion County Line	20.40	R. B. S. T.	590.72	2,178.76	587.97	46.84	141.19	71.20	10.80	210.62	3,838.11
5	564-A	Charlotte	Sarasota County Line	Charlotte Harbor	10.88	R. B. S. T.	219.81	2,410.20	1,197.13	205.89	47.10	38.88		206.64	4,325.65
5	564-B	Charlotte	Acline	Lee County Line	10.31	R. B. S. T.	210.15	2,304.19	1,144.47	196.83	45.03	37.17		197.56	4,135.40
5	564-C	Charlotte	Punta Gorda	Acline	3.94	R. B. S. T.	80.31	880.56	437.37	75.22	17.21	14.21		75.49	1,580.37
5	570	Manatee	Bradenton	Sarasota County Line	5.00	Bit. Mac	84.78	929.64	461.74	79.41	18.17	15.01		79.70	1,608.45
5	576	Sarasota	Myakka River	Charlotte County Line	5.68	R. B. S. T.	124.03	1,359.98	675.49	116.17	26.58	21.94		116.61	2,440.80
5	581	Hillsboro	Six Mile Creek	Project 510	12.00	R. B. S. T.	193.92	2,126.23	1,056.08	181.63	41.55	34.30		182.29	3,816.00
5	589	Lee	Charlotte County Line	Caloosahatchee	8.67	R. B. S. T.	189.32	2,075.89	1,031.08	177.33	40.57	33.49		177.98	3,725.66
5	593	Manatee	Manatee River Bridge			Concrete				2,913.71					2,913.71
5	613	Sarasota	Manatee County Line	Sarasota	4.60	S. Asphalt	78.46	860.32	427.32	73.49	16.81	13.88		73.77	1,544.05
5	614	Manatee	Sarasota	Venice	17.07	Bit. Concrete	255.95	2,806.38	1,393.91	239.73	54.84	45.27		240.62	5,036.70
5	615	Sarasota	Venice	Myakka River	11.40	Graded	194.45	2,132.06	1,058.98	182.13	41.66	34.40		182.79	3,826.47
5	617	Alachua	High Springs	Newberry District Line	6.00	R. B. S. T.	161.61	596.05	160.86	12.79	38.63	19.48	2.96	57.62	1,050.00
5	618	Alachua	Newberry District Line	Archer	10.89	R. B. S. T.	329.06	1,213.68	327.54	26.09	78.65	39.66	6.02	117.32	1,538.02
5	619	Alachua	Archer	Levy County Line	9.28	R. B. S. T.	280.40	1,034.19	279.10	22.23	67.02	33.80	5.13	99.97	1,821.84
5	625	Citrus	Holder	Inverness	10.86	R. B. S. T.	234.02	863.14	232.94	18.55	55.93	28.21	4.28	83.44	1,520.51
5	626	Citrus	Inverness	Floral City	6.61	R. B. S. T.	142.43	525.32	141.77	11.29	34.04	17.17	2.60	50.78	925.40
5	635	Manatee	Bradenton	Project 570	1.20	Bit. Concrete	17.99	197.29	97.99	16.85	3.86	3.18		16.92	354.08
5	663	Citrus	Floral City	Station 424-21.5	8.03	R. B. S. T.	173.03	638.17	172.22	13.72	41.36	20.85	3.16	61.69	1,124.20
5	679	Hernando	Station 418-92.6	Brooksville	7.11	R. B. S. T.	396.87	1,465.03	442.44	31.47	94.86	47.83	7.25	141.50	2,578.58
5	682	Citrus	Dunnellon	Holder	6.45	R. B. S. T.	217.41	801.86	216.40	17.23	51.96	26.20	3.98	77.51	1,412.55
5-A	518	LaFayette	Mayo	Brantford	17.75	Graded	339.88	4,064.02	218.06	169.11	136.20	2.19	7.46	209.87	5,146.79
5-A	535	LaFayette	Taylor County Line	Mayo	13.20	Graded	252.81	3,022.88	162.20	125.70	101.30	1.63	5.55	156.10	3,828.26
5-A	587	Columbia	Fort White	Itchucknee River	4.37	Graded	69.32	828.84	44.47	34.49	27.78	.45	1.52	42.80	1,049.67
5-A	689	Alachua	High Springs	Santa Fe River	1.89	R. B. S. T.	50.91	187.76	50.67	4.02	12.17	6.14	.93	18.15	330.75
5-A	718	Columbia	Santa Fe River	Fort White	8.57	Graded	135.94	1,625.44	87.22	67.64	54.47	.87	2.99	83.94	2,058.51
5-A	719	Suwannee	Itchucknee River	Suwannee River	8.22	R. B. S. T.	130.38	1,559.00	83.65	64.87	52.25	.84	2.86	80.51	1,974.36
6	501	Calhoun	Blountstown	Scott's Ferry	12.00	S. C. S. T.	48.61	2,448.23	1,096.24	63.66	11.37	17.04	6.34	120.73	3,812.22
5-A	501-D	Calhoun-Gulf	Scott's Ferry	Wewahitchka	5.00	S. C. S. T.	20.25	1,020.10	456.77	26.52	4.74	7.10	2.64	50.31	1,588.43
6	501-D	Calhoun-Gulf	Scott's Ferry	Wewahitchka	10.00	S. C.	54.61	2,750.29	1,231.50	71.52	12.78	19.14	7.13	135.63	4,282.60
6	502	Gulf	Port St. Joe	North to Canal	6.94	R. B. S. T.	27.42	1,380.86	618.31	35.91	6.42	9.61	3.58	68.19	2,150.21
6	560	Gulf	Canal	Wewahitchka	20.00	Top Soil S. T.	94.13	4,740.06	2,122.48	123.26	22.03	32.99	12.29	233.76	7,381.00
6	657	Jackson	Calhoun County Line	Road 1	11.00	S. C. S. T.	71.66	3,608.64	1,615.86	93.84	16.77	25.12	9.36	177.96	5,619.21
6	666	Jackson	Marianna	Godwin's Gin	6.52	S. C. S. T.	35.68	1,796.97	804.62	46.72	8.35	12.50	4.65	88.61	2,798.10
6	670	Jackson	Godwin's Gin	Alabama State Line	12.08	S. C. S. T.	66.11	3,329.29	1,490.76	86.57	15.47	23.17	8.63	164.18	5,184.18
6	686	Gulf	Government Canal Bridge	Timber						1,154.14					1,154.14
7	34	Escambia	Pensacola	Roberts	10.00	Concrete	33.57	1,690.23	756.84	43.95	7.86	11.76	4.38	83.35	2,631.94
7	51	Escambia	End of Pavement	Pine Barren Hill	6.23	Concrete	19.17	965.24	432.20	25.10	4.49	6.72	2.50	47.60	1,503.02
7	881	Escambia	Project 51	Alabama State Line	17.80	Concrete	54.73	2,756.16	1,234.14	71.67	12.81	19.18	7.15	135.92	4,291.76
7	882	Escambia	Project 54	Project 51	8.90	Concrete	29.87	1,504.31	673.39	39.12	6.99	10.47	3.90	74.18	2,342.43
8	523	Okeechobee	Kissimmee River	St. Lucie County Line	20.46	R. B. S. T.	642.96	1,721.31	1,100.23	220.74	184.78	8.57	4.00	125.52	4,008.11
8	562	Highlands	Lake Annie	Station 422	9.00	R. B. S. T.	172.38	1,890.09	938.79	161.46	36.94	30.49		162.05	3,392.20
8	562-A	Highlands	Station 422	Line 35 and 36	5.37	R. B. S. T.	102.86	1,127.84	560.19	96.34	22.04	18.20		96.70	2,024.17
8	562-B	Polk-Highlands	Frostproof	Avon Park	11.20	S. Asphalt	211.65	2,320.73	1,152.71	198.24	45.35	37.44		198.97	4,165.09
8	562-C	Highlands	Avon Park	Sebring	7.50	R. B. S. T.	265.73	2,913.62	1,447.18	248.89	56.93	47.00		249.81	5,229.16
8	605	Polk	Haines City	Frostproof	28.50	R. B. S. T.									
8	629	Highlands	Lake Annie	6 miles West	6.00	R. B. S. T.	508.81	5,578.97	2,771.04	476.57	109.02	90.00		478.34	10,012.75
8	630	Highlands	Kissimmee River	11 miles West	11.00	R. B. S. T.	82.28	902.20	448.11	77.07	17.63	14.55		77.36	1,619.20
8	636	St. Lucie	Okeechobee County Line	12.8 miles East	12.80	R. B. S. T.	150.97	1,655.35	822.20	141.41	32.35	26.71		141.92	2,970.91
8	647	Highlands	Project 629	Project 630	7.00	R. B. S. T.	490.41	1,312.93	839.20	168.37	140.94	6.53	3.05	95.75	3,057.18
8	696	St. Lucie	Project 636	Fort Pierce	5.00	R. B. S. T.	96.04	1,053.00	523.02	89.95	20.58	16.99		90.27	1,889.85
							172.41	461.57	295.03	59.19	49.55	2.30	1.07	33.66	1,074.78
9	574	Madison	Madison	Georgia State Line	11.66	R. B. S. T.	272.36	3,256.62	174.74	135.51	109.15	1.75	5.98	168.17	4,124.28
10	56	Leon	Tallahassee	Georgia State Line	17.98	Concrete	62.19	3,131.70	1,402.28	81.44	14.56	21.80	8.12	154.44	4,876.53
10	592-A	Franklin	Gulf County Line	Station 1223-11.5	7.89	R. B. S. T.	10.59	533.39	238.83	13.87	2.48	3.71	1.38	26.30	830.55
10	592-C	Franklin	Station 1223-11.5	Apalachicola	4.76	Shell S. T.	11.04	555.99	248.96	14.46	2.58	3.87	1.44	27.42	865.76
10	644-A	Wakulla	Wakulla River	Crawfordville	8.49	R. B. S. T.	20.70	1,042.17	466.65	27.10	4.84	7.25	2.70	51.39	1,622.80
10	644-C	Wakulla	Leon County Line	Wakulla River	12.31	R. B. S. T.	12.31	619.90	277.57	16.12	2.88	4.31	1.61	30.57	965.27
10	645	Wakulla	Crawfordville	Ocklocknee River	17.00	R. B. S. T.	69.15	3,482.13	1,559.20	90.55	16.17	24.24	9.03	171.72	5,522.19
10	645-B	Wakulla	Ocklocknee River Bridge			T. Timber				1,764.28					1,764.28
10	646	Franklin	Ocklocknee River	Carrabelle	18.50	S. C. S. T.	69.90	3,520.01	1,576.18	91.54	16.36	24.50	9.13	173.50	5,481.21
10	651	Gulf	Port St. Joe	Franklin County Line	14.72	R. B. S. T.	55.65	2,802.33	1,254.82	72.87	13.03	19.51	7.26	138.20	4,363.67
10	678	Bay	East Bay Bridge	West Bay Bridge	8.72	R. B. S. T.	5.78	291.22	130.39	7.57	1.35	2.03	.75	14.36	453.43

10	680	Bay	East Bay Bridge			Concrete—Steel				116.40							116.40
10	681	Bay	West Bay Bridge			Concrete—Steel				125.81							125.81
10	685	Franklin	Carrabelle	East Point	18.46	R. B. S. T.	29.56	1,488.52	666.53	38.71	6.92	10.36	3.86	73.41	2,317.87		2,317.87
10	688	Bay	West Bay Bridge	Gulf of Mexico	8.31	Graded	6.17	310.91	139.22	8.09	1.45	2.16	.81	15.33	484.14		484.14
10	728	Leon	Tallahassee	Wakulla County Line	11.67	R. B. S. T.											
10	740	Franklin	Gulf County Line	Bay County Line	9.62	Concrete	28.45	1,432.53	641.45	37.25	6.66	9.97	3.71	70.65	2,230.67		2,230.67
10	743	Bay	Gulf County Line	East Bay Bridge	18.25	R. B. S. T.	49.35	2,485.34	1,112.87	64.63	11.55	17.29	6.44	122.56	3,870.03		3,870.03
10	802-A	Okaloosa	Walton County Line	Niceville	8.68	R. B. S. T.	74.95	3,774.25	1,690.02	98.15	17.55	26.27	9.79	186.12	5,877.10		5,877.10
						Graded	24.40	1,228.45	550.07	31.95	5.71	8.55	3.18	60.58	1,912.89		1,912.89
11	708	Jefferson	Miccosukie	Lloyd	7.98	Graded	73.42	3,697.02	1,655.43	96.14	17.18	25.73	9.59	182.32	5,756.83		5,756.83
11	720	Jefferson	Monticello	Capps	9.64	Graded	88.69	4,466.07	1,999.80	116.14	20.76	31.09	11.58	220.24	6,954.37		6,954.37
12	606	Liberty	Bristol	Gadsden County Line	25.00	S. C.	85.21	4,290.79	1,920.31	111.58	19.94	29.87	11.12	211.60	6,681.42		6,681.42
13	572	Bradford	Starke	Lawley	7.50	R. B. S. T.	101.64	1,215.35	65.23	50.57	40.73	.65	2.23	62.76	1,539.16		1,539.16
13	594	Bradford	Starke	Alachua County Line	9.10	R. B. S. T.	123.32	1,474.62	79.12	61.36	49.43	.79	2.71	76.15	1,867.50		1,867.50
13	607	Bradford	Lawley	Highlands	12.10	R. B. S. T.	176.47	2,110.05	113.22	87.80	70.71	1.14	3.88	108.96	2,672.23		2,672.23
13	662	Alachua	Gainesville	Bradford County Line	16.00	R. B. S. T.	579.69	2,138.05	577.00	45.96	138.55	69.87	10.60	206.68	3,766.40		3,766.40
13	677-A	Levy	Archer	Bronson	6.96	R. B. S. T.	254.91	940.17	253.72	20.21	60.93	30.72	4.66	90.88	1,656.20		1,656.20
13	677-B	Levy	Bronson	Otter Creek	11.58	Graded	367.11	1,354.01	365.41	29.11	87.74	44.25	6.71	130.89	2,385.23		2,385.23
13	677-C	Levy	Otter Creek	Willy	10.16	Graded	322.09	1,187.98	320.60	25.54	76.99	38.82	5.89	114.84	2,092.75		2,092.75
13	677-D	Levy	Willy	Cedar Key	8.91	R. B. S. T.	481.13	1,774.55	478.90	38.15	115.00	57.99	8.80	171.54	3,126.06		3,126.06
13	701	Duval	Baldwin	Maxville	8.08	Concrete	123.91	1,481.63	79.50	61.65	49.66	.80	2.72	76.51	1,876.38		1,876.38
13	742	Alachua	Gainesville District Line	Levy County Line	7.65	R. B. S. T.	280.22	1,033.55	278.92	22.23	66.98	33.77	5.12	99.91	1,820.70		1,820.70
13	886	Nassau	Yulee	Fernandina	10.50	Concrete	139.53	1,068.40	89.52	69.43	55.91	.90	3.06	86.16	2,112.91		2,112.91
13	887	Nassau	Amelia River Bridge			T. Timber—Steel				2,586.72					2,586.72		2,586.72
14	50	Putnam	Palatka	Alachua County Line	25.98	R. B. S. T.	1,310.42	4,833.22	1,304.34	103.90	313.21	157.94	23.96	467.22	8,514.21		8,514.21
14	55	Alachua	Gainesville	Putnam County Line	16.80	R. B. S. T.	639.72	2,359.47	636.75		152.90	77.10	11.70	228.09	4,156.45		4,156.45
15	729	Pinellas	St. Petersburg	Clearwater	6.00	Asphalt Block	114.77	1,258.37	625.02	107.50	24.59	20.30		107.89	2,258.44		2,258.44
15	729	Pinellas	St. Petersburg	Clearwater	3.90	Brick	74.77	819.77	407.18	70.03	16.02	13.23		70.29	1,471.29		1,471.29
15	730	Pinellas	Clearwater	Tarpon Springs	4.00	Brick	47.01	515.48	256.04	44.03	10.07	8.32		44.20	925.15		925.15
15	730	Pinellas	Clearwater	Tarpon Springs	8.00	Asphalt Block	94.03	1,030.95	512.07	88.07	20.15	16.63		88.39	1,850.29		1,850.29
15	795-C	Pasco	Hernando County Line	Pinellas County Line	12.10	R. B. S. T.	298.91	3,277.49	1,627.90	279.97	64.05	52.88		281.00	5,882.20		5,882.20
17	675	Polk	Lakeland	Hillsboro County Line	5.16	S. Asphalt	164.77	1,806.49	897.27	154.32	35.30	29.14		154.88	3,242.17		3,242.17
17	731	Pinellas	Clearwater	Hillsboro County Line	8.30	Asphalt Block	142.74	1,565.12	777.38	133.70	30.59	25.25		134.19	2,808.97		2,808.97
18	5	DeSoto	Arcadia	East	2.50	Concrete—R. S. S. T.	42.64	467.56	232.24	39.94	9.14	7.54		40.09	839.15		839.15
18	16	DeSoto	Project 4	East of Station 167+11	9.11	Brick—R. S. S. T.	139.79	1,532.81	761.34	130.94	29.95	24.73		131.42	2,750.98		2,750.98
18	655	Highlands	Lake Annie	DeSoto County Line	13.49	R. B. S. T.	172.63	1,892.83	949.99	161.69	36.99	30.54		162.29	3,545.30		3,545.30
18	667	DeSoto	Dorr Field	Highlands Co. Line	8.67	R. B. S. T.	110.87	1,215.64	603.81	103.85	23.76	19.61		104.23	2,181.77		2,181.77
19	577	Taylor	Salem	Steinhatchee River	9.73	R. B. S. T.	107.81	1,289.10	69.18	53.64	43.20	.69	2.37	66.57	1,632.56		1,632.56
19	580	Dixie	Steinhatchee River	Cross City	18.21	R. B. S. T.	244.40	2,922.36	156.81	121.61	97.94	1.57	5.37	150.91	3,700.97		3,700.97
19	676-B	Levy	Bronson	Chiefland	13.40	R. B. S. T.	517.28	1,907.86	514.88	41.01	123.65	62.35	9.46	184.43	3,360.92		3,360.92
19	676-C	Levy	Bronson	Marion County Line	11.72	R. B. S. T.	452.12	1,667.55	450.02	35.85	108.06	54.49	8.27	161.20	2,937.56		2,937.56
19	698	Leon	Tallahassee	Jefferson County Line	12.45	Graded	83.47	4,203.41	1,882.18	109.31	19.54	29.26	10.90	207.29	6,545.30		6,545.30
19	699	Jefferson	Leon County Line	Capps	7.70	Graded	51.16	2,576.23	1,153.56	66.99	11.97	17.93	6.68	127.04	4,011.56		4,011.56
19	700	Jefferson	Capps	Aucilla River	9.26	Graded	61.24	3,084.22	1,381.02	80.20	14.33	21.46	7.99	152.09	4,802.55		4,802.55
19	744	Madison	Aucilla River	Taylor County Line	5.78	Graded	60.65	725.22	38.92	30.18	24.30	.39	1.33	37.45	918.44		918.44
19	745	Taylor	Madison County Line	Perry	15.95	Graded	167.37	2,001.33	107.38	83.28	67.07	1.08	3.68	103.35	2,534.54		2,534.54
19	756	Marion	Levy County Line	Ocala	9.00	R. B. S. T.											
					10.78	Graded	595.95	2,198.03	593.18	47.25	142.44	71.83	10.89	212.48	3,872.05		3,872.05
20	500-A	Bay	Panama City	Bayou George	10.00	Concrete	45.75	2,303.95	1,031.64	59.91	10.71	16.03	5.97	113.62	3,587.68		3,587.68
20	500-B	Bay	Bayou George	Nixon	12.75	Graded	58.33	2,937.54	1,315.35	76.39	13.65	20.44	7.61	144.86	4,574.17		4,574.17
20	500-C	Bay	Nixon	Jackson County Line	12.18	Graded	90.25	4,544.97	2,035.11	118.19	21.12	31.63	11.78	224.13	7,077.08		7,077.08
20	515	Jackson	Bay County Line	Cottontale	4.50	Graded	33.34	1,679.18	751.89	43.66	7.80	11.69	4.35	82.81	2,614.72		2,614.72
20	515	Jackson	Bay County Line	Cottontale	12.00	S. C. S. T.	71.10	3,580.12	1,603.09	93.10	16.64	24.92	9.28	176.55	5,574.80		5,574.80
20	671	Jackson	Godwin's Gin	Cottontale	4.07	S. C. S. T.	22.08	1,112.30	498.05	28.92	5.17	7.74	2.88	54.85	1,731.99		1,731.99
22	770	Brevard	Indian River City	Orange County Line	8.54	R. B. S. T.	196.83	725.98	195.92	15.61	47.05	23.72	3.60	70.18	1,278.89		1,278.89
23	537	Marion	Bellevue	Sumter County Line	6.93	R. B. S. T.	295.89	1,091.32	294.51	23.46	70.72	35.66	5.41	105.50	1,922.47		1,922.47
23	810	Sumter	Marion County Line	Bushnell	37.90	R. B. S. T.	1,618.07	5,967.95	1,610.57	128.20	386.74	195.02	29.59	576.91	10,513.14		10,513.14
24	62-A	Osceola	Kissimmee	St. Cloud	12.52	Graded	8.16	89.42	44.42	7.64	1.75	1.44		7.67	160.50		160.50
24	534	Brevard	Melbourne	Osceola County Line	15.50	R. B. S. T.	699.06	1,871.51	1,196.23	239.99	200.91	9.32	4.35	136.48	4,357.85		4,357.85
25	807-A	Palm Beach	Belle Glade	Lake Harbor	10.82	R. B. S. T.	652.48	1,746.81	1,116.53	224.01	187.52	8.70	4.05	127.39	4,067.49		4,067.49
25	807-C	Palm Beach	Lake Harbor	Hendry County Line	6.13	R. B. S. T.	369.72	989.80	632.66	126.93	106.26	4.93	2.30	72.18	2,304.78		2,304.78
25	891	Palm Beach	Twenty Mile Bend	Belle Glade	19.40	R. B. S. T.	798.59	2,137.96	1,366.54	274.17	229.52	10.64	4.97	155.91	4,978.03		4,978.03
27	669-B	Dade	Station 285	Station 825	10.23	R. B. S. T.	283.62	759.30	485.33	97.37	81.51	3.78	1.76	55.38	1,768.05		1,768.05
27	669-C	Dade	Project 669-B	Station 825	12.12	R. B. S. T.	336.02	899.60	575.00	115.36	96.57	4.48	2.09	65.61	2,094.73		2,094.73
27	669-D	Dade	Project 669-C	Station 1465	12.31	R. B. S. T.	635.29	1,700.78	1,087.11	218.11	182.58	8.47	3.94	124.03	3,960.31		3,960.31



**STATE ROAD DEPARTMENT OF FLORIDA**  
**Maintenance Cost By Projects—1929—Continued**

Road	Project	County	From	To	Length	Type	Right of Way	Road Bed	Surfacing	Structures	Gua rd Rail	Signs	Center Line Painting	Supervision and Engineering	Total Routine Maintenance
27	669-E	Dade	Collier County Line	Section Line 21-22	4 24	R. B. S. T.	\$ 218.81	\$ 585.80	\$ 374.43	\$ 75.12	\$ 62.89	\$ 2.92	\$ 1.36	\$ 42.72	\$ 1,364.05
27	669-V	Collier	Dade County Line	Carnes Town	32.20	R. B. S. T.	1,175.45	3,146.89	2,011.43	403.56	337.82	15.66	7.31	229.49	7,327.61
27	669-W	Collier	Station 00-0	Carnes Town	16.00	R. B. S. T.	871.07	2,332.02	1,490.58	299.06	250.35	11.61	5.42	170.06	5,430.17
27	669-X	Collier	Palm Hammock	Marco Junction	9 41	R. B. S. T.	618.09	1,654.74	1,057.68	212.20	177.64	8.24	3.84	120.68	3,853.11
27	669-Y	Collier	Lee County Line	Lee County Line	13.55	R. B. S. T.	2,974.31	7,962.74	5,089.63	1,021.14	854.81	39.64	18.49	580.68	18,541.44
27	669-Z	Collier	Marco Junction	Naples	5 94	R. B. S. T.	390.17	1,044.55	667.65	133.95	112.13	5.20	2.43	76.17	2,432.25
27	847	Lee	Fort Myers	Collier County Line	23.30	R. B. S. T.	999.28	2,675.26	1,709.97	343.07	287.19	13.32	6.21	195.10	6,229.40
27-A	894	Monroe	Dade County Line	Collier County Line	16.50	Local Rock	105.10	281.38	179.85	36.08	30.21	1.40	.65	20.53	655.20
27-A	895	Collier	Monroe County Line	Road 27	4 20	Local Rock	412.76	1,105.03	706.31	141.70	118.63	5.50	2.57	80.58	2,573.08
28	706-B	Putnam	Florahome	Palatka	14 91	Graded	714.98	2,637.08	711.66	56.69	170.89	86.18	13.08	254.92	4,645.48
28	713	Columbia	Watertown	Union County Line	10 00	Graded	173.76	2,077.73	111.49	86.46	69.63	1.12	3.82	107.29	2,631.30
28	714	Union	Lake Butler	Union County Line	10 20	Graded	177.24	2,149.36	113.71	88.19	71.02	1.14	3.89	109.44	2,683.89
28	715	Union	Lake Butler	Bradford County Line	3 70	Graded	64.29	768.71	41.25	31.99	25.76	.41	1.41	39.70	973.52
28	716	Bradford	Starke	Union County Line	11 12	Graded	183.36	2,192.48	117.64	91.23	73.48	1.18	4.03	113.22	2,770.62
28	717	Bradford	Starke	Putnam County Line	10 93	Graded	180.23	2,155.05	115.63	89.68	72.22	1.16	3.96	111.29	2,729.22
29	780	Okeechobee	Okeechobee	11 miles North	11.00	R. B. S. T.	221.33	592.55	378.75	75.99	63.61	2.95	1.38	43.21	1,379.77
29	781	Okeechobee	Project 780	11 miles North	9.13	R. B. S. T.	388.29	1,039.52	664.44	133.31	111.59	5.17	2.41	75.82	2,420.55
29	782	Okeechobee	Project 781	Osceola County Line	8.49	Graded	361.06	966.63	617.85	123.96	103.77	4.81	2.25	70.49	2,250.82
30	892	Indian River	Canal	Osceola County Line	21.80	Graded	219.19	586.81	375.08	75.26	62.99	2.92	1.36	42.79	1,366.40
30	893	Osceola	Indian River County Line	Kissimmee River	20.20	Graded	203.17	543.93	347.67	69.75	58.39	2.71	1.26	39.67	1,266.55
31	773	Marion	Alachua County Line	Ocala	16 60	R. B. S. T.	541.33	1,996.56	538.81	42.92	129.38	65.24	9.90	193.00	3,517.14
31	861	Alachua	Waldo	Marion County Line	26.90	R. B. S. T.	755.44	2,786.30	751.94	59.90	180.56	91.05	13.82	269.35	4,908.36
33	649	Okaloosa	Crestview	10 miles North	10 43	S. C.	61.30	3,087.05	1,382.30	80.27	14.35	21.49	8.00	152.24	1,807.00
33	652	Okaloosa	Project 649	Walton County Line	9 04	S. C.	49.83	2,509.34	1,123.62	65.25	11.66	17.47	6.51	123.75	3,907.43
33	733	Walton	Project 652	Alabama State Line	4 23	Graded	38.65	1,946.50	871.59	50.62	9.05	13.55	5.05	95.99	3,031.00
35	823	Madison	Greenville	Taylor County Line	12 13	Graded	346.32	4,140.96	222.20	172.31	138.78	2.23	7.69	213.84	5,244.21
35	747	Jefferson	Georgia State Line	Aucilla River	6 50	Graded	217.01	2,594.88	139.23	107.98	86.96	1.40	4.77	134.00	3,286.23
35	748	Madison	Aucilla River	Greenville	6 21	Graded	207.34	2,479.20	133.03	103.16	83.09	1.33	4.55	128.03	3,139.73
37	837	Santa Rosa	End of Pavement	10 miles North	10 00	Graded	9.73	490.16	219.48	12.75	2.28	3.41	1.27	24.17	763.25
37	838	Santa Rosa	Project 837	Alabama State Line	10 50	S. C. S. T.	10.22	514.68	230.46	13.38	2.39	3.58	1.33	25.38	801.42
39	709	Holmes	Alabama State Line	9 miles South	9 09	Graded	57.37	2,889.08	1,293.65	75.13	13.43	20.11	7.49	142.47	4,498.73
39	736	Holmes	Bonifay	Washington Co. Line	8 97	Graded	56.62	2,850.99	1,276.50	74.14	13.25	19.84	7.39	140.59	4,439.41
40	734	Walton	DeFuniak Springs	North	7 89	S. C.	15.74	792.58	354.80	20.61	3.68	5.51	2.05	39.10	1,234.16
40	735	Walton	Project 734	Alabama State Line	13 71	S. C.	27.35	1,377.22	616.69	35.81	6.40	9.59	3.57	67.92	2,144.55
41	823	Okaloosa	Milligan	Hilton's Switch	9 18	Graded	49.49	2,483.77	1,111.42	63.23	11.60	17.61	6.66	121.37	3,865.15
41	824	Okaloosa	Hilton's Switch	Alabama State Line	9 81	Graded	52.67	2,652.50	1,187.72	68.98	12.33	18.46	6.88	130.81	4,130.35
43	707	Jefferson	Miccosukie	Lloyd	8 60	Graded	42.36	2,132.94	955.08	55.46	9.91	14.85	5.53	105.19	3,321.32
43	722	Jefferson	Lloyd	Wacissa	8 83	Graded	43.49	2,190.00	980.63	56.95	10.18	15.24	5.68	108.00	3,410.17
47	785	St. Johns	Julington Creek	Orangedale	11 56	Graded	232.11	2,775.35	148.92	115.49	93.02	1.49	5.10	143.31	3,514.79
47	813	St. Johns	Orangedale	Picolata	10 64	Graded	226.00	2,702.28	145.01	112.44	90.56	1.45	4.90	139.55	3,422.25
49	888	Union	Raiford	Alachua County Line	16 29	R. B. S. T.	392.48	4,692.92	251.81	195.28	157.28	2.52	8.63	242.34	5,943.26
50	624	Hamilton	Jasper	Suwannee Springs	6 47	R. B. S. T.	190.18	2,273.99	122.01	94.62	76.22	1.22	4.19	117.42	2,879.87
50	763	Suwannee	Bradford	Point North	12 23	R. B. S. T.	290.20	3,469.97	186.19	144.39	116.29	1.87	6.37	179.19	4,394.47
50	764	Suwannee	Project 763	Live Oak	12 00	R. B. S. T.	284.73	3,404.63	182.68	141.67	114.10	1.83	6.25	175.83	4,311.72
50	765	Suwannee	Live Oak	Suwannee River	7 00	R. B. S. T.	205.76	2,460.28	132.01	102.38	82.45	1.32	4.52	127.05	3,115.77
54	815	Okaloosa	Shoal River	Valparaiso	13 58	S. C.	70.71	3,560.84	1,594.45	92.60	16.55	24.78	9.23	175.60	5,544.76
54	819	Okaloosa	Crestview	Shoal River Bridge	4 69	S. C.	24.42	1,229.75	550.66	31.98	5.72	8.56	3.19	60.63	1,914.93
56	863	Columbia	Ellisville	Olustee	2 00	R. B. S. T.	47.84	572.02	30.69	23.80	19.18	.31	1.05	29.53	724.42
56	889	Union	Lake Butler	Olustee Creek	14 00	R. B. S. T.	334.88	4,004.09	214.85	166.62	134.19	2.15	7.35	206.77	5,070.90
64	890	Pinellas	Largo	Gandy Bridge	12 20	Asphalt Block	19.79	216.99	107.78	18.54	4.23	3.50	.....	18.60	389.43
66	723	Leon	Tallahassee	Range 2 and 3 West	11 76	S. C. S. T.	71.94	3,622.46	1,622.05	94.20	16.84	25.21	9.39	178.64	5,640.73
66	724	Leon	Range 2 and 3 West	Ochlocknee River	10 67	S. C. S. T.	65.27	3,286.72	1,471.71	85.47	15.28	22.88	8.52	162.08	5,117.93
66	779	Liberty	Ochlocknee River	Hosford	10 00	Graded	2.05	103.02	46.13	2.68	.48	.72	.26	5.08	160.42
66	830	Liberty	Hosford	Bristol	10 00	Graded	2.05	103.02	46.13	2.68	.48	.72	.26	5.08	160.42
67	804	Glades	Highlands County Line	Main's Corner	18 56	R. B. S. T.	2,263.25	6,059.11	3,872.86	777.02	650.45	30.16	14.07	441.86	14,108.78
68	911	Bradford	Hampton	Brooker Starke Road	3 50	Graded	57.71	690.09	37.03	28.72	23.13	.36	1.27	35.64	873.95
123	786	Jackson	Graceville	Campbellton	6 76	S. C. S. T.	32.59	1,640.98	734.79	42.67	7.63	11.42	4.25	80.93	2,555.26
GRAND TOTAL					3,243.00		\$74,443.37	\$576,352.37	\$200,426.24	\$56,649.78	\$20,687.93	\$6,290.27	\$1,417.88	\$37,845.83	\$974,113.67

**STATE ROAD DEPARTMENT OF FLORIDA**  
**Storm and Betterment Work—1929**

Road	Project	County	From	To	Length	Type	Storm	Betterment
1	20	Holmes-	Choctawhatchee River Bridge.		2.18	S. C. S. T.	\$72,830.42	\$
1	38-A	Washington.	Escambia River Bridge.		3.49	S. C. S. T.	10,187.29	
1	52	Escambia.	Pensacola	Escambia River	10.00	Concrete	716.35	
1	514	Jackson.	Apalachicola River	West	11.04	S. C. S. T.		997.90
1	516	Jackson.	Victory Bridge		.30		1,159.46	
1	533	Suwannee.	Columbia County Line.	Live Oak	13.47	R. B. S. T.		37,246.23
1	567	Walton.	Okaloosa County Line.	DeFuniak Springs	21.35	S. C. S. T.		13,981.45
1	585	Santa Rosa	Milton	Pace	9.10	S. C. S. T.		2,592.07
1	585-B	Santa Rosa	Blackwater River Bridge				212.65	
1	590	Okaloosa-						
		Santa Rosa	Project 1.	Project 14	9.00	S. C. S. T.	693.08	
1	621	Okaloosa.	Walton County Line.	Milligan	17.35	S. C. S. T.	22,199.12	1,984.93
1	638	Santa Rosa	Blackwater River.	Pavement	9.00	Concrete	693.08	
1	658	Holmes	Bonifay	Caryville	8.21	S. C. S. T.		
1	697-B	Escambia	Perdido River Bridge.		.30	T. Timber.	2,213.14	
2	2	Osceola-Polk.	Kissimmee.	Station 218	4.13	Brick-Rock Shoulders		1,662.52
2	542	Hardee.	Bowling Green.	Wauchula	4.52	Bartow clay S. T.		130.00
2	563	Osceola	Project 2	Polk County Line	5.00	Brick-Rock Shoulders		2,012.28
2	609	Hardee.	Wauchula	Peace River	3.60	Brick-Rock Shoulders		104.00
3	322	Nassau.	Project 46	Duval County Line.	3.00	R. B. S. T.		1,336.38
3	543	Seminole	Sanford	Orange County Line.	3.00	Brick		460.75
					14.20	Bit. Mac.		
3	659	Clay.	Duval County Line.	Green Cove Springs.	13.27	R. B. S. T.		1,498.30
4	883	Duval.	City limits Jacksonville.	Nassau County Line.	5.70	S. Asphalt.		3,127.97
4-A	806	Monroe	Card Sound.	Lower Matecumbe.	5.10	Brick	10,655.24	2,627.20
4-A	898	Monroe	No Name Key	Key West	38.00	R. B. S. T.	24,989.92	
5	510-512	Hillsboro	Little Manatee River.	Manatee County Line	12.20	Asphalt Block.		5,316.00
5	545	Hernando	Pasco County Line	Brooksville	9.45	S. Asphalt.		2,162.72
5	564-A	Charlotte	Sarasota County Line.	Charlotte Harbor	10.88	R. B. S. T.		695.36
5	570	Manatee	Bradenton.	Sarasota County Line	5.00	Bit. Mac.		957.45
5	589	Lee	Charlotte County Line.	Caloosahatchee	8.67	R. B. S. T.		408.36
5	615	Sarasota	Venice	Myakka River	11.40	Graded.		1,311.22
6	502	Gulf	Port St. Joe	North to Canal.	6.94	R. B. S. T.	119.50	
6	560	Gulf	Canal.	Wewahitchka	20.00	Top Soil S. T.	119.50	
6	657	Jackson	Calhoun County Line.	Road 1.	11.00	S. C. S. T.		1,956.06
7	881	Escambia	Project 51.	Alabama State Line.	17.80	Concrete	8,625.18	150.90
8	523	Okeechobee.	Kissimmee River.	St. Lucie County Line	20.46	R. B. S. T.		1,905.05
8	605	Polk	Haines City.	Fortproof.	28.50	S. Asphalt-R. S. S. T.		741.78
8	696	St. Lucie.	Project 636.	Fort Pierce	5.00	R. B. S. T.		1,440.03
10	592-A	Franklin	Gulf County Line	Station 1223-11.5	7.89	R. B. S. T.	4,262.08	
10	645-B	Wakulla	Ocklocknee River Bridge			T. Timber	155.93	
10	646	Franklin	Ocklocknee River.	Carrabelle	18.50	S. C. S. T.	614.00	
10	685	Franklin	Carrabelle	East Point.	18.46	R. B. S. T.	20,241.82	
10	740	Franklin	Gulf County Line	Bay County Line.	9.62	R. B. S. T.	22,282.03	
10	743	Bay	Gulf County Line	East Bay Bridge	18.25	R. B. S. T.	16.39	
13	572	Bradford	Starke	Lawtey	7.50	R. B. S. T.		6,127.97
15	730	Pinellas	Clearwater	Tarpon Springs	4.00	Brick		1,519.54
15	795-C	Pasco	Hernando County Line.	Pinellas County Line.	12.10	R. B. S. T.		4,113.59
17	731	Pinellas	Clearwater	Hillsboro County Line	8.30	Asphalt Block.		1,260.35
19	577	Taylor	Salem	Steinhatchee River.	9.73	R. B. S. T.		383.46
19	700	Jefferson	Capps.	Aucilla River	9.26	Graded.	979.43	
20	500-C	Bay	Nixon	Jackson County Line.	12.18	Graded.	426.30	
20	515	Jackson	Bay County Line.	Cottontdale.	12.00	S. C. S. T.		5,780.63
20	671	Jackson	Godwin's Gin.	Cottontdale.	4.07	S. C. S. T.		1,795.97
25	891	Palm Beach	Twenty Mile Bend.	Belle Glade	19.40	R. B. S. T.	44,525.62	5,468.15
27	669-W	Collier.	Station 00-0.	Carnes Town.	16.00	R. B. S. T.	391.47	4,274.27
27	669-Y	Collier.	Naples	Lee County Line.	13.55	R. B. S. T.	316.46	
27	847	Lee	Fort Myers	Collier County Line.	23.30	R. B. S. T.	348.67	
31	861	Alachua	Waldo	Marion County Line.	26.90	R. B. S. T.		4,500.69
33	649	Okaloosa.	Crestview	10 miles North.	10.43	S. C.	717.80	2,569.30
33	652	Okaloosa.	Project 649	Walton County Line.	9.04	S. C.	717.80	
33	733	Walton.	Project 652	Alabama State Line.	4.23	Graded.	717.81	
39	709	Holmes	Alabama State Line.	9 miles South.	9.09	Graded.	149.32	59.70
39	736	Holmes	Bonifay	Washington Co. Line	8.97	Graded.	149.32	60.09
41	823	Okaloosa.	Milligan	Hilton's Switch.	9.18	Graded.	3,133.80	2,500.00
41	824	Okaloosa.	Hilton's Switch.	Alabama State Line.	9.81	Graded.	3,133.81	2,612.08
43	722	Jefferson	Lloyd	Wacissa	8.83	Graded.		145.62
49	888	Union	Raiford	Alachua County Line.	16.29	R. B. S. T.		462.44
54	815	Okaloosa.	Shoal River.	Valparaiso.	13.58	S. C.	6,030.32	
54	819	Okaloosa.	Crestview	Shoal River Bridge.	4.69	S. C.		91.55
56	889	Union	Lake Butler	Olustee Creek.	14.00	R. B. S. T.		109.44
GRAND TOTAL.							\$264,752.11	\$128,641.75

# STATE ROAD DEPARTMENT OF FLORIDA

## Maintenance Cost By Projects—1930

Road	Project	County	From	To	Length	Type	Right Way	Road Bed	Surfacing	Structures	Guard Rail	Signs	Center Line Painting	Supervision and Engineering	Total Routine Maintenance
1	1	Okaloosa	Milligan	Holt	10.40	S. C. S. T.	\$ 71.97	\$ 415.27	\$ 160.88	\$ 2.05	\$ 25.00	\$ 32.02	\$	\$ 242.54	\$ 949.73
1	3	Jackson	Apalachicola River Bridge							1,656.56					1,656.56
1	6	Madison	Greenville	Aucilla River	5.67	R. B. S. T.	322.41	633.23	11.38		4.38	19.53		128.70	1,102.13
1	9	Holmes	Ponce de Leon	Argyle	8.70	S. C. S. T.	111.63	988.57	433.62	47.03	113.44	51.53		274.64	2,020.46
1	11	Baker-Nassau and Duval	Baldwin	Station 948 West	15.39	Concrete	376.74	1,402.47	65.06	229.21	264.67	109.02		374.20	2,821.37
1	14-A	Santa Rosa	Milton	Station 388 + 80	6.02	Brick—Concrete Shoulders									
1	14-B	Santa Rosa	Blackwater River Bridge				6.67	70.90		51.81		34.14		82.68	246.20
1	20	Holmes	Choctawhatchee River Bridge							1,744.34					1,744.34
1	21	Baker	Glen St. Marys	East to Station 65	2.18	R. B. S. T.	102.31	635.71	46.62	392.99	281.53	12.18		26.93	1,498.27
1	22	Baker	Columbia County Line	Project 11	5.68	Concrete	117.18	1,163.14	15.01	71.52	44.13	56.68		140.11	1,787.01
1	23	Duval	End Jacksonville Brick	Baldwin	8.90	Concrete	272.07	1,151.27	53.97	90.65	596.71	40.38		39.15	1,328.57
1	24	Columbia	Lake City	Baker County Line	9.89	Bit. Mac	166.35	1,221.12	86.20		10.05	16.53		75.10	1,575.35
1	35	Escambia	Pensacola	Nunez Ferry	5.00	Concrete	58.93	264.96	22.13			17.53	109.58	59.17	532.30
1	38-A	Escambia	Approach to Escambia River Bridge												
1	38-B	Escambia	Escambia River Bridge		3.47	S. C. S. T.	396.33	919.62	298.09	359.94	59.22	22.57		123.02	2,179.39
1	45	Suwannee	Suwannee River Bridge							1,888.18					1,888.18
1	52	Escambia	Pensacola	Escambia River	10.00	Concrete—Steel	89.00	4,514.91	287.65	171.27	12.33	79.81	245.80	286.54	728.50
1	54	Leon	Tallahassee	13 miles East	13.00	Concrete	783.09	3,574.66	538.44	164.74	567.76	67.21	20.03	180.63	5,687.31
1	54-A	Leon-Jefferson	13 miles East of Tallahassee	Jefferson County Line	6.23	R. B. S. T.	163.32	2,671.40	131.34	27.59	211.95	25.04	12.00	55.89	3,298.53
1	58	Jefferson	Leon County Line	Monticello	6.30	R. B. S. T.	101.57	1,765.57	402.16	72.18	42.91	28.19	102.17	102.16	2,616.91
1	59	Jefferson	Jefferson County Line	Monticello	6.30	Concrete	165.46	2,317.00	165.17	46.95	118.60	32.79	200.20	122.42	3,168.59
1	61-A	Gadsden	Quincy	Mt. Pleasant	10.00	Concrete	254.07	1,190.31	144.21	65	99.40	41.14	220.00	213.71	2,163.42
1	61-C	Gadsden	Mt. Pleasant	Chattahoochee	9.77	Concrete	294.70	1,304.84	118.59	123.46	88.91	30.82	214.94	208.78	1,444.84
1	504	Columbia	Lake City	Suwannee County Line	9.15	R. B. S. T.	190.16	2,804.69	31.48	2.20	41.45	17.66		81.89	3,166.63
1	509	Gadsden	Overhead at Florence							19.70					19.70
1	514	Jackson	Apalachicola River	11 miles West	11.04	S. C. S. T.	431.16	1,314.96	3,369.58	47.55	210.89	28.87		235.94	5,638.95
1	524	Suwannee	Live Oak	Suwannee River	12.14	Concrete	220.66	2,484.89	7.25	2.00	83.84	91.28	28.44	258.19	3,176.55
1	533	Suwannee	Columbia County Line	Live Oak	13.47	R. B. S. T.	183.12	3,897.39	130.11	79.65	462.65	35.25		328.09	5,116.26
1	565	Madison	Suwannee River	Madison	15.64	Concrete	362.68	1,758.29	28.43	8.19	102.77	28.18		404.47	2,693.01
1	567	Walton	Okaloosa County Line	Holmes County Line	21.35	S. C. S. T.	314.61	1,955.88	491.81	23.05	229.33	68.06		752.80	2,646.18
1	571	Madison	Greenville	Madison	14.73	R. B. S. T.	491.85	1,983.56	2,587.32		100.72	27.67		420.98	5,612.10
1	579	Holmes	Westville	Ponce de Leon	8.62	S. C. S. T.	215.72	599.22	505.54	110.26	461.36	33.94		303.94	2,229.98
1	585	Santa Rosa	Milton	Pace	9.10	S. C. S. T.	41.78	955.72	372.30	372.51	17.32	51.35		224.71	2,035.69
1	586	Jackson	Washington	Marianna	11.37	S. C. S. T.	232.84	3,806.76	1,154.94	3.18	2.75	90.32		994.12	6,284.91
1	590	Okaloosa	Project 1	Project 14	9.00	S. C. S. T.	177.10	480.35	82.56		4.76	18.88		174.39	938.04
1	621	Okaloosa	Walton County Line	Milligan	17.35	S. C. S. T.	321.06	3,637.04	940.53	598.13	432.15	64.47		420.70	6,423.08
1	621-B	Okaloosa	Shoal River Bridge							172.50					172.50
1	621-C	Okaloosa	Yellow River Bridge							44.85					44.85
1	631	Washington	Chipley	Bonifay	8.53	S. C. S. T.	173.34	914.92	1,219.59	4.26	147.05	77.47		142.33	2,678.96
1	634	Jackson	Marianna	11 miles East	11.15	S. C. S. T.	143.08	1,921.51	1,487.77		556.17	37.80		210.10	4,356.43
1	638	Santa Rosa	Blackwater River Bridge	Beginning of pavement	9.00	S. C. S. T.	34.36	151.93	31.61	26.45	23.02	26.52		45.75	309.23
1	658	Holmes	Bonifay	Caryville	8.21	S. C. S. T.	133.77	1,204.10	433.49	4.25	80.21	37.51		130.21	2,038.54
1	672	Leon	Tallahassee	Gadsden County Line	9.92	Concrete	347.70	1,444.76	43.85	57.76	35.27	40.66	226.75	129.88	2,326.63
1	673	Gadsden	Leon County Line	Quincy	14.97	Concrete	493.49	3,090.30	277.05	98.90	100.92	58.93	128.54	200.98	4,449.11
1	673-B	Gadsden	Jacksonville							121.33					121.33
1	674	Escambia	Enterprise		3.50	Concrete	138.61	798.79	169.15	3.13	5.58	8.88		62.80	1,186.94
1	697	Escambia	Perdido River Bridge		30	Concrete	72.71	71.02	111.30	74.01	16.71	25.73		4.51	375.99
1	879	Escambia	Project 35	Project 697	8.70	Concrete	132.42	546.31	1,364.20	49.64	21.24	201.72		196.01	3,365.91
1	880	Escambia	Pensacola	Project 35	2.00	Concrete	27.55	130.12	64.60	21.72	10.81	43.56		15.19	813.55
1-A	827	Escambia	Escambia Bay Bridge	Road 7 near Pensacola	8.00	S. C. S. T.	29.85	812.89	129.36	5.07	2.33	26.58		224.75	1,230.83
2	2	Osceola	Kissimmee	Station 218	4.13	Brick—R. S. S. T.	270.59	146.72	549.22	772.49	115.15	34.71	33.31	42.27	1,964.46
2	4	DeSoto	Arcadia	Station 162	4.10	Concrete—R. S. S. T.	137.55	86.51	2.52	1.90	8.24	20.00		108.68	365.40
2	7	Hamilton	Jasper	Georgia State Line	13.00	R. B. S. T.	341.99	935.54	64.83		140.33	75.32		276.49	1,833.50
2	7-B	Hamilton	Alapaha River Bridge												
2	8	Alachua	Columbia County Line	Burnett's Lake	10.73	Brick—Steel	426.83	971.99	80.75	225.10	38.57	42.32		201.23	2,225.10
2	13	Orange	Plymouth	Mt. Dora	8.59	S. Asphalt	563.89	1,812.91	392.25	4.80	430.64	141.18	63.50	171.27	1,779.24
2	15	DeSoto	Station 162	Carlstrom Field	3.28	Concrete—R. S. S. T.	110.75	62.76	1.89	17.00	31.08	19.04		95.16	337.68
2	19	Hamilton	Suwannee River	Genoa	8.30	R. B. S. T.	432.59	476.44	40.36	3.00	118.85	14.69		52.67	1,138.60
2	26	Columbia	Lake City	Suwannee River	11.01	Concrete	284.36	899.46	8.07	270.02	79.55	17.83	251.82	124.59	1,935.70
2	27	Columbia	Lake City	Project 505	12.35	Concrete	273.04	1,148.69	331.85	26.63	117.02	15.89	282.80	118.83	2,314.65
2	31	Hamilton	Genoa	Jasper	11.86	R. B. S. T.	115.15	97.39	21.00		57.09	18.62		135.96	445.21
2	33	Alachua	Burnett's Lake	Gainesville	12.60	Bit. Mac	646.54	948.69	54.59	15.48	67.59	25.33		198.63	1,956.85

2	37-A	Alachua	Gainesville	Marion County Line	14.50	S. Asphalt	180.33	876.70	100.58	8.72	231.54	19.48	10.61	170.08	1,598.04
2	37-C	Alachua	Project 37-B	Payne's Prairie	3.26	S. Asphalt	298.03	1,356.59	41.06	1.77	29.85	6.20		36.61	1,770.11
2	37-D	Alachua	Across Payne's Prairie		2.14	R. B. S. T.	140.23	87.03	130.00		49.75	2.49		16.56	397.05
2	37-E	Alachua	Payne's Prairie	Marion County Line	7.96	S. Asphalt	554.53	415.49	349.50	61.27	152.58	23.63		127.78	1,684.78
2	43	Marion	Lowell	Ocala	10.44	S. Asphalt	387.09	1,214.71	139.76	7.80	271.29	21.61		184.28	2,226.54
2	44	Marion	Marion County Line	Leesburg	10.52	Bit. Concrete	451.89	950.24	56.72		195.40	36.66	24.80	235.60	1,951.31
2	53-A & C	Lake	Dead River and Dora Bridges	Tavares	8.86	Bit. Concrete	431.01	538.56	48.70		112.65	29.68	3.00	185.64	1,349.24
2	53-B	Lake	Plymouth	Orlando	14.34	Concrete-Steel				408.65				408.65	
2	54	Orange	DeSoto County Line	Lee County Line	20.18	Bit. Concrete	2.35	1,733.20	3,260.38	48.55	10.00	38.74		589.14	5,686.90
2	503	Charlotte	Project 27	Alachua County Line	11.80	Marl.	376.61	718.29	262.97	3.00	25.60	49.75		54.44	1,490.66
2	505	Columbia													
2	505-B	Columbia													
2	520	Alachua	Santa Fe River Bridge							209.00				209.00	
2	538	Marion	Bellevue	Lake County Line	15.50	R. B. S. T.	585.98	1,132.37	915.43		75.14	27.36	14.75	333.27	3,084.30
2	542	Marion	Alachua County Line	Lowell	10.90	R. B. S. T.	491.67	1,158.40	151.46		55.10	26.24		186.19	2,069.06
2	553	Marion	Bowling Green	Wauchula	4.52	S. C. S. T.	302.14	1,124.97	372.46	242.00	57.71	26.78		151.89	2,277.95
2	563	Marion	Ocala	Bellevue	9.15	R. B. S. T.	321.12	793.73	220.22		19.88	17.58		149.95	1,538.63
2	573-A	Oseola	Project 2	Polk County Line	5.00	Brick-R. S. S. T.	269.31	67.55	447.80		39.00	39.48		41.32	951.54
2	573-B & C	Orange	Orlando	Oseola County Line	14.00	Brick-R. S. S. T.	689.32	1,248.42	1,873.12	112.07	129.80	167.68	97.54	226.28	4,544.23
2	599	DeSoto	Orlando	South	13.00	Brick-R. S. S. T.	472.55	578.44	1,019.07	60.28	48.69	43.03	93.00	250.25	2,565.31
2	609	Hardee	Carlsom Field	Charlotte Co. Line	7.40	Marl.	1,536.37	4,296.50	221.76	12.77	15.22			238.54	6,321.16
2	610	Oseola	Wauchula	Peace River	2.60	Brick-R. S. S. T.	249.61	848.90	176.45	402.26	43.70	23.54		101.56	1,846.02
2	616	DeSoto	Kissimmee	Orange County Line	2.60	Brick-R. S. S. T.	153.58	868.35	85.62	62.32	16.32	54.20	40.72	27.80	1,308.91
2	648	Hardee-DeSoto	Aracida	Hardee County Line	4.90	R. B. S. T.	292.90	701.31	301.81	165.60	12.63	16.11		160.61	1,650.97
2	648-B	Lake	Bowling Green	Brownsville	14.19	R. B. S. T.	565.33	476.72	59.80	102.33	211.29	37.01		465.11	1,917.56
2	661	Lake	Zolfo-Brownville Bridges							60.00				60.00	
2	687-A	Lake	Leesburg	Helena Run	3.52	S. Asphalt	176.29	193.23	16.20	7.00	8.50	12.60		61.38	475.20
2	687-B	Lake	Helena Run	Groveland	15.00	S. Asphalt	458.46	830.65	221.23		41.00	35.98	8.11	323.51	1,918.94
2	695	Lake	Groveland	Polk County Line	12.22	R. B. S. T.	307.95	3,388.47	13.00		20.29			383.58	4,113.29
2	695-B	Lake	Silver Lake Forks	Mt. Dora	10.50	R. B. S. T.	414.71	732.58	59.52		27.40	34.14	93.00	147.94	1,509.29
2	695-B	Lake	Hayne's Creek Bridge							908.65				908.65	
3	18	Putnam	Sisco	Volusia County Line	12.80	Bit. Mac.	615.68	1,469.80	395.47		118.88	18.72		259.10	2,877.65
3	46	Nassau	St. Mary's Bridge	South of Yulee	11.52	Concrete	330.29	3,130.44	38.67	65.63	201.19	29.43		338.56	4,134.21
3	421	Nassau	St. Mary's River Bridge							1,555.23				1,555.23	
3	522	Nassau	Project 46	Duval County Line	3.00	R. B. S. T.	123.49	208.16	327.49	3,053.85	8.55	19.07		83.36	3,913.97
3	532	Volusia	Putnam County Line	DeLeon Springs	18.90	R. B. S. T.	790.02	1,139.26	426.91	11.70	97.53	22.03		373.64	2,861.09
3	543	Seminole	Sanford	Orange County Line	17.20	Brick-R. S. S. T.	1,146.37	1,549.94	14.00	132.69	91.88	23.20		369.62	5,055.49
3	575	Putnam	Sisco	Dennis Creek	5.46	R. B. S. T.	314.86	741.80	476.81		162.59	20.56		125.41	1,842.03
3	595	Volusia	DeLeon Springs	DeLand	7.45	R. B. S. T.	463.42	93.23	10.04		28.50			704.71	704.71
3	627	Putnam	East Palatka	Dennis Creek	6.27	R. B. S. T.	449.86	887.18	243.97		230.05	15.46		140.40	1,966.92
3	628	Volusia	DeLand City Limits	Monroe Bridge	10.90	R. B. S. T.	419.86	589.36	2,152.97	24.60	89.68	25.45		213.67	3,515.59
3	642	Putnam	Rice Creek	Clay County Line	10.90	R. B. S. T.	521.49	426.59	139.27	92.49	471.92	18.97		169.18	1,839.91
3	659	Clay	Duval County Line	Green Cove Springs	13.27	R. B. S. T.	361.04	1,785.11	50.90	32.13	143.20	66.44		312.03	2,750.85
3	660	Clay	Green Cove Springs	Putnam County Line	10.57	R. B. S. T.	335.61	1,420.46	89.72	7.03	90.47	12.31		281.76	2,237.36
3	664	Clay	Doctor's Lake Bridge							1,561.29				1,561.29	
3	665	Clay	Black Creek Bridge							1,563.92				1,563.92	
3	705	Volusia-Seminole	Monroe Bridge							3,683.01				3,683.01	
3	721	Putnam	Palatka	Rice Creek	4.50	Brick-R. S. S. T.	145.70	543.49	353.21		23.79	8.36		70.80	1,145.35
3	721-B	Putnam	Rice Creek Bridge							1,360.41				1,360.41	
3	884	Duval	Trout Creek	Project 57	11.09	S. Asphalt	347.58	657.14	535.98	83	206.31	22.39		273.40	2,043.63
3	885	Duval	Jacksonville City Limits	Clay County Line	3.14	Brick	171.07	662.88	16.50			3.66		38.07	892.14
4	32	Nassau	Duval County Line	5 miles N. of Callahan	10.00	Bit. Mac.	421.72	850.11	359.11	488.09	178.95	25.91		276.32	2,609.21
4	36-A	Indian River	Vero Beach	Wabasso	7.73	Bit. Mac.	782.22	2,541.86	59.34		13.83	17.99	6.99	414.13	3,836.36
4	36-B	Indian River	Wabasso	Sebastian River	7.29	Concrete	1,027.39	684.62	84.34		96.68	8.30	18.10	232.78	2,152.21
4	39	Brevard	Indian River	Sebastian River Bridge						447.24				447.24	
4	40-A	Brevard	Sebastian River	Melbourne	16.54	R. B. S. T.	1,754.24	1,787.20	643.24		78.28	38.52	17.08	506.02	4,824.58
4	40-B	Brevard	Turkey Creek Bridge							965.43				965.43	
4	40-D	Brevard	Titusville	Project 546 South	6.72	R. B. S. T.	496.73	46.78	365.38	4.05	21.82	47.95		110.18	1,093.79
4	40-E	Brevard	Titusville	Volusia County Line	13.60	R. B. S. T.	834.32	1,123.52	442.27		154.49	34.88		251.80	2,841.28
4	41	Dade	Miami	Broward County Line	11.73	S. Asphalt	1,470.22	556.72	115.24	272.01	267.53	81.35	27.89	349.48	3,140.44
4	47	St. Johns	Duval County Line	St. Augustine	15.45	Concrete	2,257.49	38.58	11.20	198.30	50.17			352.95	3,564.70
4	48	St. Johns	St. Augustine	Pellicier's Creek	15.39	R. B. S. T.	1,098.21	1,914.78	376.09	4.00	359.80	333.82		333.82	4,186.04
4	49	Flagler	Pellicier's Creek	Bunnell	13.81	R. B. S. T.	715.75	1,260.10	237.15	6.00	331.46	42.55		298.81	2,890.82
4	63-A	Palm Beach	Delray	Broward County Line	9.21	Concrete		9.60	4.53		80.78	2.00		154.57	251.48
4	63-B	Broward	Bridge over Hillsborough River							225.81				225.81	
4	68-A-1	Palm Beach	Palm Beach Canal Bridge							819.66				819.66	
4	507	Nassau	Bunnell	End of Reiley's Asphalt	9.15	R. B. S. T.	355.40	440.91	259.45	12.40	29.18	30.09		179.97	1,307.40
4	521	Nassau	Project 32	Georgia State Line	12.41	R. B. S. T.	518.58	1,824.94	156.42		247.59	17.21		362.77	3,127.51
4	546	Brevard	Sharpes	5 miles North	4.68	R. B. S. T.	596.78	416.74	195.80	21.61	32.65	12.64	1.27	146.67	1,424.16
4	554	Brevard	Bonaventure	Project 608	4.52	R. B. S. T.	449.63	1,199.99	2,506.01		12.47	15.21		142.43	4,325.74
4	597	Volusia	New Smyrna	Brevard County Line	16.24	R. B. S. T.	1,298.95	1,043.56	145.36	76.38	168.81	47.13		340.69	3,120.88
4	604	Volusia	New Smyrna	Rose Bay	9.00	Concrete	521.55	261.67	217.85	51.81	212.57	24.94		148.06	1,438.45
4	608	Brevard	Melbourne North	Project 554	7.72	Concrete	463.47	348.96	227.58	13.60	88.83	24.31	2.90	286.42	1,556.07
4	620	St. Lucie	Vero Beach Bridge							30.31				30.31	
4	640-A	Martin	Stuart	Gomez	8.99	S. Asphalt	1,143.69	686.21	98.74		50.81	17.74	10.59	244.18	2,251.96
4	640-B	Martin	Gomez	Jupiter	11.83	S. Asphalt	495.19	968.87	68.41	37.95	108.89	29.60	2.07	363.77	2,074.75
4	641	Palm Beach	Jupiter	West Palm Beach	14.51	R. B. S. T.	768.28	1,032.30	257.73		121.01	60.66	4.39	423.91	2,758.23
4	641-B	Palm Beach	East Coast Canal		1.00	Bit. Mac.									
4	641-B	Palm Beach	East Coast Canal							5,112.77				5,112.77	



# STATE ROAD DEPARTMENT OF FLORIDA Maintenance Cost By Projects—1930—Continued

Road	Project	County	From	To	Length	Type	Right of Way	Road Bed	Surfacing	Structures	Guard Rail	Signs	Center line Painting	Supervision and Engineering	Total Road Maintenance
4	654	Broward	Dade County Line	North city limits of Fort Lauderdale	6.30	Bit. Mac Concrete—Steel	\$ 528.13	\$ 100.49	\$ 185.99	\$ 68.39	\$ 74.04	\$ 51.76	\$104.70	\$ 152.80	\$ 1,266.30
4	656	Palm Beach	Jupiter River Bridge							1,238.10					1,238.10
4	668	Brevard	Sharpes	Bonaventure through Cocoa	13.46	R. B. S. T.	813.40	620.09	357.03			32.98	2.60	369.96	2,196.06
4	683-A	Palm Beach	West Palm Beach Canal	Delray	8.20	Concrete	1,267.23	1,191.78	430.35	49.89	52.45	195.39	203.19	385.95	3,776.23
					3.35	Bit. Mac									
					1.64	Rock Asphalt									
4	691	Indian River	Vero	St. Lucie County Line	5.47	Concrete	611.96	1,196.09	160.56	453.81	176.57	6.43		184.78	2,790.20
4	692	St. Lucie	Indian River County Line	Port Pierce	7.34	Concrete	570.74	703.07	150.56		13.60	18.71	5.60	220.50	1,682.78
4	693	St. Lucie	Port Pierce	Martin County Line	8.73	Concrete	712.39	738.37	896.63	10.00	27.41	21.45		201.83	2,521.18
4	694	Martin	St. Lucie County Line	Stuart	8.36	Concrete	583.50	591.79	566.95	17.20	15.74	13.63		197.17	1,985.98
4	858	Duval	Bayard	Mandarin	17.90	Brick—Bit. Mac—S. Asphalt	569.34	3,245.42	56.86	138.34	68.75	72.17		525.59	4,676.47
4	883	Duval	Jacksonville City Limits	Nassau County Line	12.00	Brick—Bit. Mac—S. Asphalt	495.01	1,336.61		1,087.26	12.82	54.34		304.57	3,290.61
						Concrete—Steel			2,198.01						2,198.01
4	899	Martin	St. Lucie River Bridge												2,207.94
4	919	Brevard	Dade County Line		19.60	R. B. S. T.	708.17	402.16	196.74	25.50	28.83	143.25	211.04	492.25	2,987.01
4-A	896	Monroe	Card Sound	Lower Matecumbe	41.41	R. B. S. T.	2,369.54	709.77	910.70	72.13	275.78	101.90		1,057.83	5,497.65
4-A	898	Monroe	No Name Key	Key West	34.77	R. B. S. T.	588.99	307.33	4,113.57	2,662.57	1,348.10	167.84	1.40	696.41	9,886.21
4-A	900	Dade	Homestead	Card Sound	18.11	R. B. S. T.	381.98	40.84	321.94	56.44	204.71	95.19		256.26	1,357.36
4-A	900-B	Monroe	Card Sound Bridge							1,587.68					1,587.68
4-A	909	Dade	Miami	Homestead	18.19	Steel—Wood	943.15	2,634.77	228.85	68.31	60.52	106.59	3.01	327.27	4,372.47
						R. B. S. T.									
5	17	Manatee	Bullard's Creek	Hillshoro County Line	7.13	Bit. Mac	362.91	545.33	33.21	30.00		12.78	21.06	150.65	1,155.94
5	510-512	Hillshoro	Little Manatee River	Manatee County Line	12.20	Ahphalt Block	595.53	1,988.33	153.28	1.00	62.39	50.07		979.90	3,834.19
5	519	Manatee	Palmetto	Project 17	7.94	R. B. S. T.	1,113.09	546.75	683.16	19.45	17.45	31.21	36.23	177.02	3,834.19
5	526	Pinellas	Seminole River Bridge							363.10					363.10
5	539	Marion	Dunnellon	Levy County Line	11.30	R. B. S. T.	268.58	1,405.88	175.04	17.04	22.00	16.77		301.81	2,207.12
5	544-A	Pasco	Hillshoro County Line	Station 462 + 00	8.75	R. B. S. T.	224.68	511.04	133.42			11.45		151.41	1,032.00
5	544-B	Pasco	Station 462 + 00	Hernando County Line	11.23	R. B. S. T.	297.93	519.83	39.00			16.19		137.23	1,010.18
5	545	Hernando	Pasco County Line	Brooksville	9.45	S. Asphalt	253.56	749.05	76.33	4.80	4.10	12.46		250.45	1,350.75
5	548	Levy	Alachua County Line	Marion County Line	20.40	R. B. S. T.	1,751.18	822.39	1,904.58	25.78	25.78	421.11		822.53	4,210.52
5	564-A	Charlotte	Sarasota County Line	Charlotte Harbor	10.88	R. B. S. T.	310.93	498.71	189.37	322.37	59.59	24.98	72.77		2,141.88
5	564-B	Charlotte	Punta Gorda	Acline	3.94	R. B. S. T.	544.87	591.67	187.82	479.96	136.87	40.62	30.93	129.14	1,628.12
5	564-B	Charlotte	Acline	Lee County Line	10.31	R. B. S. T.	500.67	418.25	165.29	163.63	35.68	26.56	13.29	304.75	1,628.12
5	570	Manatee	Bradenton	Sarasota County Line	5.00	Bit. Mac	461.12	451.27	219.04		4.00	9.46	31.29	171.41	1,347.59
5	576	Sarasota	Myakka River	Charlotte County Line	5.68	R. B. S. T.	230.42	290.17	138.78	463.18	66.77	13.52	33.17	127.24	1,363.25
5	581	Hillshoro	Six Mile Creek	Project 510	12.00	R. B. S. T.	1,039.32	1,568.96	327.12	8.15	378.58	121.10	62.94	417.71	3,923.88
5	589	Lee	Charlotte County Line	Caloosahatchee	8.67	R. B. S. T.	344.90	717.74	49.75	32.31	93.84	42.74	31.20	284.18	1,616.66
5	593	Manatee	Manatee River Bridge							3,281.79					3,281.79
5	613	Sarasota	Manatee County Line	Sarasota	4.60	S. Asphalt	456.59	220.23	118.72	30.00	7.89	17.58		135.18	1,022.37
5	614	Sarasota	Sarasota	Venice	17.07	Bit. Mac	1,969.27	1,175.60		30.00	84.09	79.08	127.94	633.17	4,099.15
5	615	Sarasota	Venice	Myakka River	11.40	Graded	592.03	209.31	175.11	152.38	10.09	24.98	39.07	349.11	1,552.08
5	617	Alachua	High Springs	Newberry	6.00	R. B. S. T.	176.83	215.97	79.48		17.76	11.05		78.13	579.22
5	618	Alachua	Newberry	Archer	10.89	R. B. S. T.	132.02	66.34	193.58	9.30	20.50	14.63		138.93	575.30
5	619	Alachua	Archer	Levy County Line	9.28	R. B. S. T.	332.14	221.95	88.21	3.30	138.54	79.17		154.82	1,018.13
5	625	Citrus	Holder	Inverness	10.86	R. B. S. T.	212.01	579.86	277.80	246.90	20.00	10.56		175.21	1,188.02
5	626	Citrus	Inverness	Floral City	6.61	R. B. S. T.	133.95	712.92	86.15		70.13	10.56		175.21	1,188.02
5	635	Manatee	Bradenton	Project 570	1.20	Bit. Mac	149.02	775.23	96.14	25.20		2.22		31.16	1,078.97
5	663	Citrus	Floral City	Station 424 - 215	8.03	R. B. S. T.	172.15	457.50	33.41		163.59	10.66		144.99	982.30
5	679	Hernando	Station 418 - 926 South	Brooksville	7.11	R. B. S. T.	244.53	980.44	566.21		165.45	9.39		169.52	2,135.54
5	682	Citrus	Dunnellon	Holder	6.95	R. B. S. T.	134.77	922.82	90.51	2.00	171.39	9.05		179.42	1,509.96
5	769	Lee	Caloosahatchee River Bridge							828.29					828.29
5	835	Citrus—Marion	Withlacoochee River Bridge							81.56					81.56
5-A	518	Lafayette	Mayo	Branford	17.75	R. B. S. T.	284.30	3,934.34	509.70	170.35	42.20	33.39		509.28	5,483.56
5-A	535	Lafayette	Taylor County Line	Mayo	13.20	Graded	254.32	1,908.15	16.90		31.40	15.38		278.34	2,504.49
5-A	587	Columbia	Fort White	Itchtucknee River	4.37	R. B. S. T.	43.98	460.98	26.60		11.16	9.89		57.57	610.18
5-A	689	Alachua	High Springs	Santa Fe River	1.89	R. B. S. T.	40.95	38.81	3.20		10	24.63		20.12	127.81
5-A	718	Columbia	Santa Fe River	Fort White	8.22	R. B. S. T.	340.97	1,065.32	427.89	497.42	76.31	20.48		159.04	2,587.43
5-A	719	Suwannee	Itchtucknee River	Suwannee River	8.57	R. B. S. T.	275.87	278.37	34.47		64.52	13.49		156.46	823.18
6	501	Calhoun	Blountstown	Scotts Ferry	12.00	S. C. S. T.	347.64	1,326.76	3,103.71	132.91		73.18		176.16	5,160.36
6	501-B	Gulf	Scotts Ferry Bridge							413.00					413.00
6	501-C	Calhoun	Blountstown	Jackson County Line	15.00	S. C. S. T.	115.66	21.97	2,210.90	96.89	19.37	17.47		352.60	2,834.86
6	501-D	Calhoun—Gulf	Scotts Ferry	Wewahitchka	5.00	S. C. S. T.	284.07	4,104.87	1,133.77	86.92		76.61		233.11	5,919.35
6	502	Gulf	Port St. Joe	North of Canal	6.94	R. B. S. T.	239.75	172.98	196.05			13.29		127.48	749.55
6	560	Gulf	Calhoun County Line	Wewahitchka	20.00	Top Soil S. T.	435.42	2,766.66	701.07	118.93	135.50	37.16		427.43	4,622.17
6	657	Jackson	Calhoun County Line	Road No. 1	11.00	S. C. S. T.	110.88	688.51	688.51		82.37	80.27		193.80	1,667.46
6	666	Jackson	Marianna	Godwin's Gin	6.52	S. C. S. T.	85.93	1,412.73	1,301.07		31.06	37.13		106.76	2,666.46
6	670	Jackson	Godwin's Gin	Alabama State Line	12.08	S. C. S. T.	171.08	1,163.27	1,461.69		118.95	47.87		242.92	3,205.78
6	686	Gulf	Government Canal Bridge							2,900.42					2,900.42



7	34	Escambia	Pensacola	Roberts	10.00	Concrete	69.51	1,091.47	170.94				43.27	220.66	250.13	1,845.98
7	51	Escambia	End of pavement	Pine Barren Hill	6.23	Concrete	142.73	201.57	58.80	4.25			39.31	138.16	111.37	996.19
7	881	Escambia	Project 51	Alabama State Line	17.80	Concrete	28.25	1,294.14	144.97	107.42	43.90	103.83	381.70	235.58	2,339.79	
7	882	Escambia	Project 34	Project 51	8.90	Concrete	7.99	433.41	43.70	97.20	3.10	28.81	188.54	108.69	911.44	
8	523	Okeechobee	Kissimmee River	St. Lucie County Line	19.76	R. B. S. T.	359.85	814.66	875.04	2,001.58	82.29	71.01	7.13	461.96	4,853.52	
8	562	Highlands	Lake Annie	Station 422	9.00	R. B. S. T.	154.67	610.29	346.77	364.26	30.01	16.97		261.66	1,784.63	
8	562-A	Highlands	Station 422	Line 35 - 36	5.37	R. B. S. T.	297.99	607.08	145.87	137.59	75.54	6.26		98.40	1,368.73	
8	562-B	Highlands-Polk	Frostproof	Avon Park	11.20	S. Asphalt	388.26	926.24	405.85	126.40	59.29	27.09		128.14	2,061.27	
8	562-C	Highlands	Avon Park	Sebring	9.30	R. B. S. T.	454.81	963.98	1,994.83	194.03	41.50	25.89		123.35	3,798.37	
8	562-D	Highlands	Sebring	Line 35 - 36	10.50	R. B. S. T.	233.21	125.62	234.91	103.13		48.99		224.47	970.33	
8	582	Okeechobee	Kissimmee River Bridge	Timber-Steel						1,112.17					1,112.17	
8	605	Polk	Haines City	Frostproof	28.50	S. Asphalt										
8	629	Highlands	Lake Annie	6 miles West	6.00	R. B. S. T.	801.55	1,563.50	1,263.40		239.73	105.30	72.20	303.87	4,349.55	
8	630	Highlands	Kissimmee River	11 miles West	11.00	R. B. S. T.	315.51	178.42	1.07		41.87	8.60		100.08	645.55	
8	636	St. Lucie	Okeechobee County Line	12.8 miles East	12.80	R. B. S. T.	458.34	557.15	392.50	6,458.16	329.39	19.57		349.07	8,564.18	
8	647	Highlands	Project 629	Project 630	7.00	R. B. S. T.	226.96	267.18	389.71	130.17	138.09	55.41	7.12	292.15	1,506.79	
8	696	St. Lucie	East end of Project 630	Fort Pierce	12.08	R. B. S. T.	695.36	233.28	205.90		13.30	12.21		120.54	940.61	
9	574	Madison	Madison	Georgia State Line	11.66	R. B. S. T.	275.81	663.21	692.49		30.00	15.57		170.26	1,847.34	
10	56	Leon	Tallahassee	Georgia State Line	17.98	Concrete	709.56	2,044.83	145.55	27.15	5.04	151.30	92.14	263.47	3,439.04	
10	502-A&C	Franklin	Gulf County Line	Apalachicola	8.54	R. B. S. T.	188.08	1,701.55	270.10	10.48	9.90	17.10		197.24	2,394.45	
10	644-A	Wakulla	Wakulla River	Crawfordville	8.49	R. B. S. T.	12.55	205.42	818.97			24.10	9.83	48.66	1,119.53	
10	644-B	Wakulla	Wakulla River Bridge							896.62				896.62		
10	644-C	Wakulla	Leon County Line	Wakulla River	5.05	R. B. S. T.	100.88	572.97	920.88			21.64		83.42	1,099.79	
10	645	Wakulla	Crawfordville	Ochlocknee River	17.00	R. B. S. T.	363.77	2,522.14	86.75	38.75	30.95	28.96		255.53	3,326.85	
10	646	Franklin	Ochlocknee	Carrabelle	18.50	S. C. S. T.	818.22	4,033.37	612.77	10.00	77.46	21.56		252.04	5,825.42	
10	651	Gulf	Port St. Joe	Franklin County Line	14.72	R. B. S. T.	175.80	1,706.74	361.30	65.97	29.70	94.31		314.57	2,748.39	
10	678	Bay	East Bay Bridge	West Bay Bridge	8.72	R. B. S. T.	94.85	1,446.45	529.28	1.27	29.76	31.60		189.72	2,322.93	
10	685	Franklin	Carrabelle	East Point	18.46	R. B. S. T.	52.32	953.02	450.51		8.38	31.00	100.79	166.67	1,762.69	
10	685-B	Franklin	Carrabelle River Bridge	Gulf of Mexico	9.31	R. B. S. T.		215.17	39.94		15.44	10.85		82.13	363.53	
10	688	Bay	West Bay Bridge	Wakulla County Line	11.67	Concrete	330.03	2,671.51	54.73	10.55	39.44	176.91		170.98	3,454.15	
10	728	Leon	Tallahassee	Bay County Line	9.62	R. B. S. T.	50.92	1,391.45	201.00	15.21	19.80	44.97		130.52	1,853.87	
10	740	Gulf	Port St. Joe	East Bay Bridge	18.25	R. B. S. T.	127.31	2,672.60	229.15	68.87	34.24	25.43		376.89	3,534.40	
10	743	Bay	Gulf County Line	Niceville	7.76	Graded	2.00	107.00	74.40			9.00		62.84	255.24	
10	802-A	Okaloosa	Walton County Line													
11	708	Jefferson	Georgia State Line	Monticello	7.98	R. B. S. T.	24.55	508.46	1,604.27			13.78		84.14	2,235.20	
11	720	Jefferson	Monticello	Capps	9.64	Graded	66.20	613.66	1,470.13			32.75		138.15	2,320.89	
12	606	Liberty	Bristol	Gadsden County Line	25.00	Graded	246.42	335.28	5,726.36	541.71		29.14		534.35	7,413.26	
13	572	Bradford	Starke	Lawley	7.50	R. B. S. T.	32.35	464.46	23.65		81.00	8.74		39.91	650.11	
13	594	Bradford	Starke	Hampton	9.10	R. B. S. T.	220.01	331.76	321.92		101.00	10.61		51.41	1,036.71	
13	607	Bradford	Lawley	Highlands	5.10	R. B. S. T.	126.13	806.38	58.07		15.72	82.46		82.46	1,088.76	
13	607-B	Clay	Bradford County Line	Maxville	7.00	R. B. S. T.	157.63	387.53	35.21		15.50	122.10		717.97		
13	662	Alachua	Gainesville	Bradford County Line	16.00	R. B. S. T.	1,096.34	1,229.39	2,152.38	17.63	7.95	31.50		269.01	4,804.20	
13	677-A	Levy	Alachua County Line	Bronson	6.96	R. B. S. T.	149.08	1,086.78	46.70	97.47	11.17	8.11		87.61	1,486.92	
13	677-B	Levy	Bronson	Otter Creek	11.58	Graded	134.74	457.60	236.60	74.52		13.50		156.76	1,073.81	
13	677-C	Levy	Otter Creek	Wylly	10.16	Graded	153.93	91.92	52.14	2.00		15.00	11.84	153.16	479.99	
13	677-D	Levy	Wylly	Cedar Key	8.91	R. B. S. T.	705.85	2,114.56	60.36		136.18	14.94		170.43	3,202.32	
13	701	Duval	Baldwin	Maxville	7.08	Concrete	123.91	824.27	25.06	17.36	3.58	13.92		217.66		
13	742	Alachua	Gainesville District Line	Levy County Line	8.65	R. B. S. T.	171.42	430.47	451.77	3.30	22.15	12.08		87.80	1,178.99	
13	886	Nassau	Yulee	Fernandina	10.50	Concrete	237.64	629.16	77.58		123.30	3.90		308.61	1,397.49	
13	887	Nassau	Amelia River Bridge							2,117.15					2,117.15	
14	50-A	Putnam	Palatka	Station 366 + 00	6.18	R. B. S. T.	412.99	513.84	288.77	407.54	9.73	12.63		115.74	1,761.24	
14	50-B	Putnam	Project 50-A	Interlachen	9.77	R. B. S. T.	600.10	1,009.58	37.38	28.63	70.10	15.34		182.08	1,944.11	
14	50-C	Putnam	Interlachen	Alachua County Line	10.03	R. B. S. T.	445.32	1,716.37	60.75		94.87	45.97		152.14	2,155.14	
14	55	Alachua	Gainesville	Putnam County Line	16.80	R. B. S. T.	1,064.17	1,067.60	268.68		176.26	295.49		3,271.62		
14	603	St. Johns-Putnam	East Palatka	Hasings	8.00	Brick	394.98	361.86	340.81	3.06	128.30	25.02		182.65	1,436.68	
14	749	Gilchrist	Trenton	Trenton	7.81	R. B. S. T.	252.06	724.71	175.40		16.60			146.17	1,314.94	
14	750	Gilchrist-Alachua	Trenton	Newberry	12.97	Graded		22.87			15.11			37.98		
15	795-C	Pasco	Hernando County Line	Pinellas County Line	12.10	R. B. S. T.	285.70	1,214.54	491.05	16.07	43.45	14.76		375.41	2,440.98	
15	730	Pinellas	Clearwater	Tarpon Springs	8.00	Asphalt Block	251.40	1,135.38	198.62		5.80	24.18		342.13	1,547.51	
15	729	Pinellas	St. Petersburg	Clearwater	6.00	Asphalt Block	380.92	377.01	377.01		83.16	11.54		304.07	2,151.32	
15	730	Pinellas	Clearwater	Tarpon Springs	4.00	Brick	125.70	567.69	3.00		12.08	60.38		868.16		
15	729	Pinellas	St. Petersburg	Clearwater	3.90	Brick	233.95	698.42	251.34		55.44	7.70		117.83	1,384.68	
15	795-A	Pasco	Hernando County Line	Pinellas County Line	7.00	9' R. B. S. T.	166.35	427.82	1,120.87	2.57	2.80	51.67		217.18	1,989.26	
17	675	Polk	Lakeland	Hillsboro County Line	5.16	S. Asphalt	1,055.05	1,120.14	25.06		517.24	105.62	18.05	79.57	2,920.73	
17	731	Pinellas	Clearwater	Hillsboro County Line	8.30	Asphalt Block	424.72	1,487.20	53.80		23.00	12.00		407.27	2,398.99	
17	806	Hillsboro	15th Street	Nebraska Ave., Tampa	50	Asphalt Block					22.95	3.17		189.37	869.59	
17	741	Pinellas	Clearwater	Hillsboro County Line	3.00	Brick	150.00	500.00	20.00	7.05		3.17		189.37	869.59	
17	61-A	Hillsboro	Plant City	Project 61-C	443.94	Concrete	443.94	2,430.97	345.42	5.46	22.25	21.26	38.60	195.00	3,542.87	
17	61-C	Hillsboro	Project 61-A	Six Mile Creek	9.60	Concrete	608.51	4,324.29	332.10		2.00	10.63	19.30	251.59	5,348.42	
17	74-A	Polk	Lakeland	Auburndale	8.95	Graded					19.10	31.59	94.69	15.92	161.30	

# STATE ROAD DEPARTMENT OF FLORIDA Maintenance Cost By Projects—1930—Continued

Road	Project	County	From	To	Length	Type	Right of Way	Road Bed	Surfacing	Structures	Guard Rail	Signs	Center Line Painting	Supervision and Engineering	Total Routine Maintenance
18	5	DeSoto	Arcadia	East	2.50	Concrete	\$ 160.33	\$ 466.61	\$ 128.45	\$ 106.23	\$ 27.16	\$ 18.13	\$	\$ 73.22	\$ 980.13
18	16	DeSoto	Project 4	Camp Dora	9.11	Brick—R. S. S. T.	200.83	1,073.12	62.95	160.84	29.80	34.63		293.59	1,857.67
18	655	Highlands	Lake Annie	DeSoto County Line	13.50	R. B. S. T.	152.40	353.22	100.78	55.94	84.43	22.72		355.77	1,125.26
18	667	DeSoto	Dorr Field	Highlands County Line	8.67	R. B. S. T.	61.47	181.96	67.04	12.66	76.40	14.85		101.83	516.21
19	577	Taylor	Salem	Steinhatchee River	9.73	R. B. S. T.	299.71	42.28	129.97	7.79		11.35		157.76	648.86
19	580	Dixie	Steinhatchee River	Cross City	18.21	R. B. S. T.	493.88	828.43	94.08	304.94	25.00	47.72		420.91	2,215.56
19	676-A	Levy	Suwannee River	Chiefland	9.95	R. B. S. T.	321.71	244.69				11.60		53.58	631.58
19	676-B	Levy	Bronson	Chiefland	13.40	R. B. S. T.	489.13	1,151.10	3.65	60.34	124.25	15.62		232.51	2,076.60
19	676-C	Levy	Bronson	Marion County Line	11.72	R. B. S. T.	425.27	1,378.72	82.19		44.84	13.65		193.05	2,137.72
19	698	Leon	Tallahassee	Jefferson County Line	12.45	Concrete	7.08	1,487.53	142.70		74.71	54.33	141.81	85.59	1,993.75
19	699	Jefferson	Waukeenah	Waukeenah	7.70	R. B. S. T.	125.14	930.85	1,354.86			54.91		112.85	2,578.61
19	700	Jefferson	Tallahassee	Madison County Line	9.26	Graded	91.41	1,975.12	2,725.86	503.03	17.22	28.88		135.60	5,477.12
19	723	Leon	Range 23 West	Range 23 West	11.72	S. C. S. T.	69.11	2,401.00	145.96	27.30	111.45	33.11		156.68	2,944.61
19	724	Leon	Range 23 West	Ochlocknee	10.67	S. C. S. T.	118.65	3,525.42	282.44		71.17	83.29		114.85	4,190.82
19	726	Dixie	Suwannee River	Cross City	12.59	R. B. S. T.	315.87	4,036.17	731.07	415.97	25.00	37.25		364.12	5,925.45
19	726-B	Levy-Dixie	Suwannee River Bridge			Timber—Steel				2,825.59				2,825.59	
19	744	Madison	Aucilla River	Taylor County Line	5.78	Graded	118.48	2,115.61	88.31			9.59		148.49	2,480.48
19	745	Taylor	Madison County Line	Perry	15.93	Graded	143.44	2,452.44				19.68		289.96	2,905.52
19	756	Marion	Levy County Line	Ocala	19.78	R. B. S. T.	230.20	1,076.14	141.27	75.67	27.53	41.66		263.16	1,855.63
19	779	Liberty	Ochlocknee	Hosford	8.00	Graded			147.43					9.00	156.43
20	500-A	Bay	Panama City	Bayou George	10.00	Concrete	341.37	2,546.43	677.67	1.00	10.85	14.78		217.60	3,890.70
20	500-B	Bay	Bayou George	Mixon	12.75	Graded	26.40	399.86	3,736.08	8.30	21.26	26.38		223.83	4,442.16
20	500-C	Bay	Mixon	Jackson County Line	12.18	Graded	177.62	643.64	3,512.66	118.56		16.28		214.61	4,683.37
20	515	Jackson	Bay County Line	Cottondale	13.10	S. C. S. T.	133.43	1,945.60	1,677.33	690.89	28.00	46.91		313.16	4,835.38
20	671	Jackson	Godwin's Gin	Cottondale	4.07	S. C. S. T.	71.46	521.79	558.10			15.34		40.96	1,207.65
22	770	Brevard	Indian River City	Orange County Line	8.54	R. B. S. T.	370.84	29.94	291.61	22.31	20.93	12.25		395.35	1,343.23
22	948	Orange	Orlando	Lake County Line	16.50	Brick	119.68	23.30			7.94	88.13	5.00	116.38	565.48
22	949	Orange	Orlando	Brevard County Line	26.00	A. Concrete	377.19	76.87	27.30			32.17		125.96	639.49
					1.60	R. B. S. T.									
23	810	Sumter	Marion County Line	Hernando County Line	37.90	R. B. S. T.	1,210.82	3,650.31	855.71	12.60	103.97	75.89		1,018.38	6,927.66
23	940	Pasco	Dade County Line	Hillsboro County Line	15.00	R. B. S. T.		567.02				18.48		55.75	640.25
23	943	Hillsboro	Plant City	Selfner	8.00	Brick	419.81	21.65	407.01			102.40		76.36	598.57
23	944	Hillsboro	Selfner	50th Street, Tampa	8.00	Brick	304.40	21.65	407.01			96.64		139.68	969.38
23	945	Hernando	Sumter County Line	Pasco County Line	7.50	R. B. S. T.	855.12	909.90	1,185.09	54.40		8.74		91.68	3,104.93
23	946	Pasco	Hernando County Line	Dade City	9.50	R. B. S. T.	536.33	1,055.07	784.00	21.80		11.07		150.88	2,559.15
24	62-A	Osceola	Kissimmee	St. Cloud	12.52	Graded	72.63	149.22	11.85			16.79		48.70	299.19
24	62-C	Osceola	St. Cloud	Holopaw	12.09	R. B. S. T.		1,047.73				14.09		50.82	1,112.64
24	534	Brevard	Melbourne	1 mile West Osceola County Line	15.79	R. B. S. T.	403.31	887.96	297.93	60.01	43.85	43.28	7.15	433.66	2,177.15
24	534-B	Brevard	St. Johns River Bridge			Timber				75.48				75.48	
24	920	Osceola	Kissimmee	St. Cloud	7.50	R. B. S. T.	21.50	71.16	405.42			10.24		53.17	739.17
25	806-A	Hendry	Palm Beach County Line	Station 580 + 80	11.00	R. B. S. T.	5.00	305.91	504.18	170.46		17.82		133.85	1,137.22
25	807-A	Palm Beach	Belle Glade	Lake Harbor	10.26	R. B. S. T.	1,519.94	163.86	1,254.99	23.34	23.67	56.63	2.89	336.13	3,381.45
25	807-B	Palm Beach	Miami Canal			Steel—Concrete				2,321.47				2,321.47	
25	807-C	Palm Beach	Lake Harbor	Hendry County Line	6.11	R. B. S. T.	788.66	110.99	1,923.94		1.20	14.03	1.80	190.87	3,031.49
25	870-B	Palm Beach	Hillsboro Canal			Concrete—Steel			683.93					683.93	
25	891	Palm Beach	Twenty Mile Bend	Belle Glade	19.72	R. B. S. T.	2,257.11	97.59	2,051.06	670.99	423.74	74.21	45.55	569.00	6,180.23
25	891-B	Palm Beach	Palm Beach Canal			Steel—Concrete			1,682.23					1,682.23	
26	954	Dade	Miami	Broward County Line	9.00	R. B. S. T.	807.49	335.19	12.31			44.42		197.90	1,397.31
					7.00	Graded									
27	669-B	Dade	Station 285	Station 825	10.31	R. B. S. T.	883.46	88.27	860.45	38.58	166.25	92.19		667.00	2,805.20
27	669-C	Dade	Project 669-B—Station 825	Station 1465	12.21	R. B. S. T.	1,044.97	528.11	272.14	144.63	124.05	33.71	103.78	659.01	2,910.40
27	669-D	Dade	Project 669-C—Station 1,465	Dade County Line	12.25	R. B. S. T.	1,005.88	98.99	874.39	64.13	162.80	110.93		826.46	3,144.37
27	669-E	Dade	Collier County Line	Section Line 21—22	4.26	R. B. S. T.	106.07	373.51	572.03	81.50	72.54	35.24	1.40	86.27	1,328.56
27	669-F	Dade	Dade County Line	Carnes Town	32.20	R. B. S. T.	2,490.46	130.23	879.44	187.11	421.70	271.39	6.98	933.58	5,320.98
27	669-G	Collier	Station 0 + 00—Carnes Town	Palm Hammock	16.00	R. B. S. T.	1,293.14	360.78	967.24	1,115.86	348.69	164.92	42.75	480.63	4,774.01
27	669-H	Collier	Palm Hammock	Marco Junction	9.41	R. B. S. T.	567.99	844.97	532.99	527.95	103.53	21.88	5.30	280.10	2,884.71
27	669-I	Collier	Naples	Lee County Line	13.55	R. B. S. T.	448.64	3,085.21	881.69	82.80	1,541.70	57.57	9.25	401.32	6,508.18
27	669-J	Collier	Marco Junction	Naples	5.94	R. B. S. T.	390.84							177.45	3,954.27
27	847	Lee	Fort Myers	Bonita Springs	23.30	R. B. S. T.	1,343.47	879.92	658.04	1,974.40		106.93	31.37	590.89	5,144.25
27-A	894	Monroe	Dade County Line	Collier County Line	16.50	Local Rock	52.23	202.09	451.52	7.27	4.15	35.32		236.47	1,009.05
27-A	895	Collier	Monroe County Line	Road 27	4.30	R. B. S. T.	12.00	18.20	25.00			11.28		15.71	82.19

28	706-A	Putnam-Clay	Keystone Heights	Florahome	12 32	R. B. S. T.	66 75	976 14	148 33			14 36	14 38	1,219.96
28	706-B	Putnam	Florahome	Palatka	14 91	Graded	148 35	337 35	985 80	2 00		19 72	274 25	1,767 47
28	713	Columbia	Mt. Corrie	Union County Line	10 00	R. B. S. T.		319 08	58 50			11 65	10 82	400 05
28	714	Union	Lake Butler	Colombia County Line	12 20	R. B. S. T.		234 07	2 90			14 22	12 70	264 07
28	715	Union	Lake Butler	Bradford County Line	3 70	R. B. S. T.		953 15	31 70				30 00	1,201 54
28	716	Bradford	Starke	Union County Line	11 12	R. B. S. T.	487 03	3,044 90	880 83		8 75	29 11	139 85	4,590 47
28	717	Bradford	Starke	Clay County Line	10 93	R. B. S. T.	219 90	1,313 95	195 12	401 67	120 67	40 24	118 50	2,410 05
29	780	Okeechobee	Okeechobee	11 miles North	10 96	R. B. S. T.	159 43	462 55	17 96			12 82	75 36	728 12
29	781	Okeechobee	Project 780	11 miles North	9 13	R. B. S. T.	176 29	1,333 48	144 73	2 65		46 05	86 49	1,789 69
29	782	Okeechobee	Project 781	Osceola County Line	1 87	Graded								
29	926	Okeechobee	Project 780 through Okeechobee	End of Parrott Ave	3 18	R. B. S. T.	20 09	2,872 52	106 31	36 75	36 22	212 94	3,320 23	
							217 85	1,460 69	346 79	9 63	35 34	5 50	10 00	128 73
30	892	Indian River	Canal	Osceola County Line	21 80	Graded		1,240 43	282 52			25 41	110 53	1,658 89
30	893-B	Indian River	Indian River Canal							295 66				295 66
31	773	Marion	Alachua County Line	Ocala	16 60	R. B. S. T.	446 05	720 37	514 90		25 00	23 95	251 05	1,981 32
31	861	Alachua	Waldo	Marion County Line	26 00	R. B. S. T.	262 89	527 91	2,624 79	96	13 35	63 75	3 62	473 15
33	649	Okeechobee	Crestview	10 miles North	10 43	S. C. S. T.	48 11	841 02	612 83	41 17	52 20	60 15	188 22	1,843 70
33	652	Okeechobee	Project 649	Walton County Line	9 04	S. C.	2 35	554 24	1,594 58	74 68	5 50	18 50	443 50	2,693 35
33	733	Walton	Project 652	Alabama State Line	4 23	S. C. S. T.	1 10	1,760 03	2,230 61	30 20	39 20	11 32	74 84	4,147 30
35	623	Madison	Shady Grove	Taylor County Line	12 13	Graded	176 32	364 49	917 34	13 50	13 77	18 33	322 45	1,826 20
35	747	Jefferson	Georgia State Line	Aucilla River	6 50	Graded	202 77	430 31	1,077 83	31 51	8 58		185 70	1,936 76
35	748	Madison	Aucilla River	Greenville	6 21	Graded	114 33	587 64	474 17	78 20	11 34	8 24	177 48	1,451 40
37	837	Santa Rosa	End of Pavement	10 miles North	10 00	Graded	66 03	2,756 77	1,584 73	249 26	14 88	15 70	32 55	291 88
37	838	Santa Rosa	Project 837	Alabama State Line	10 50	Graded	55 55	1,287 28	1,620 26	249 81		15 24	76 01	3,538 18
39	709	Holmes	Alabama State Line	Point 9 miles South	9 09	Graded	69 15	424 07	2,997 91		22 65	13 59	187 74	3,715 11
39	736	Holmes	Donifay	Washington County Line	8 97	Graded	201 65	1,447 62	3,274 01	37 20	44 55	10 45	243 62	5,259 10
40	734	Walton	DeFuniak Springs	North	7 89	S. C.	36 27	560 84	2,453 04	49 84	3 76	33 40	217 89	3,355 04
40	735	Walton	Project 734	Alabama State Line	13 71	S. C. S. T.	207 55	2,500 78	3,578 72	118 53	5 64	26 18	295 51	6,732 91
40	751	Walton	DeFuniak Springs	South	7 28	S. C.	34 11	673 80	2,163 34	105 35		32 23	193 12	3,201 95
40	752	Walton	Freeport	North	8 72	S. C.	67 37	694 57	1,474 27	8 43		28 84	202 09	2,475 57
41	823	Okeechobee	Milligan via Baker	Hilton's Switch	5 18	Graded	2 40	1,134 48	4,211 88			18 74	530 13	5,897 63
41	824	Okeechobee	Hilton's Switch	Alabama State Line	4 00	S. C.	2 55	464 66	2,785 89			17 02	305 42	3,676 44
42	738	Jefferson	Road 1 near Monticello	Lamont	2 00	Graded	8 39	156 31	182 13			5 76	16 68	369 27
43	707	Jefferson	Micosukie	Lloyd	8 60	Graded	28 75	306 43	1,075 00			37 63	100 86	1,548 67
43	722	Jefferson	Lloyd	Wacissa	8 83	Graded	53 10	787 90	2,574 34	177 71		33 37	123 97	3,750 39
44	955	Seminole	Sanford	St. Johns River	18 50	R. B. S. T.—Brick								
44	956	Volusia	St. Johns River	Brevard County Line	6 40	Graded	288 87	287 36	79 00	12 75		21 56	79 45	768 99
							731 43					7 46	15 94	754 83
47	727	St. Johns	Speeds	Tocoi	10 59	Graded	244 78	264 55				12 34	78 46	600 13
47	785	St. Johns	Jullington Creek	Orangedale	11 56	Graded	83 25	1,040 33		2,097 81		13 47	319 04	3,553 90
47	813	St. Johns	Orangedale	Picolata	10 04	Graded	38 60	1,116 33	97 59	412 25		12 40	235 79	1,912 96
47	814	St. Johns	Picolata	Tocoi	6 38	Graded	217 51	15 07				7 44	33 98	274 00
48	922	St. Johns	St. Augustine	St. Johns River	19 40	R. B. S. T.	38 34	1,238 52	6 23		4 40	33 98	323 87	1,645 34
48	923	Clay	St. Johns River	Project 924	13 85	R. B. S. T.	299 73	2,616 27	465 22	232 22		41 47	216 41	3,871 32
48	924	Clay	Bradford County Line	Point 10 miles East	10 00	R. B. S. T.	24 53	982 57	49 90	73 20	2 32	27 70	36 85	1,197 07
48	925	Bradford	Starke	Clay County Line	2 90	R. B. S. T.	18 85	857 09	70 34	55 46	8 00	3 38	10 09	1,023 21
49	888	Union	Railroad	Alachua County Line	16 29	R. B. S. T.	951 95	3,379 96	170 49	181 93	362 98	26 99	214 53	5,288 83
49	888-B	Union-Alachua	Santa Fe River Bridge			Timber—Steel				2,382 85				2,382 85
50	621	Hamilton	Jasper	Suwannee Springs	6 47	R. B. S. T.	168 27	209 83		1 35		14 34	121 58	515 37
50	763	Suwannee	Bradford	McAlpine	12 23	R. B. S. T.	165 65	832 00	2 00		1 64	23 05	248 97	1,273 31
50	764	Suwannee	Project 763	Live Oak	12 00	R. B. S. T.	247 14	955 94	7 59			13 99	233 03	1,457 69
50	765	Suwannee	Live Oak	Suwannee	7 00	R. B. S. T.	127 06	312 52				18 92	132 93	591 43
54	815	Okeechobee	Shoal River	Valparaiso	13 58	S. C.	74 30	3,716 58	2,353 21	14 00	5 85	54 26	215 17	6,433 37
54	819	Walton	Crestview South	Shoal River	4 69	S. C.	22 37	1,611 25	1,229 49			16 30	132 08	3,011 49
54	819-B	Walton	Shoal River Bridge							18 77				18 77
56	863	Columbia	Olustee Creek	Road No. 2	2 00	R. B. S. T.	31 84	1,573 42				31 32	17 76	1,654 34
56	889	Union	Lake Butler	Olustee Creek	14 00	R. B. S. T.	625 51	2,841 31	123 16		58 00	21 67	154 10	3,823 75
58	711	Gadsden	Road 1 near Havana	Georgia State Line	1 00	S. C.		33 35	942 33			81	1 52	978 01

STATE ROAD DEPARTMENT OF FLORIDA  
Maintenance Cost By Projects—1930—Continued

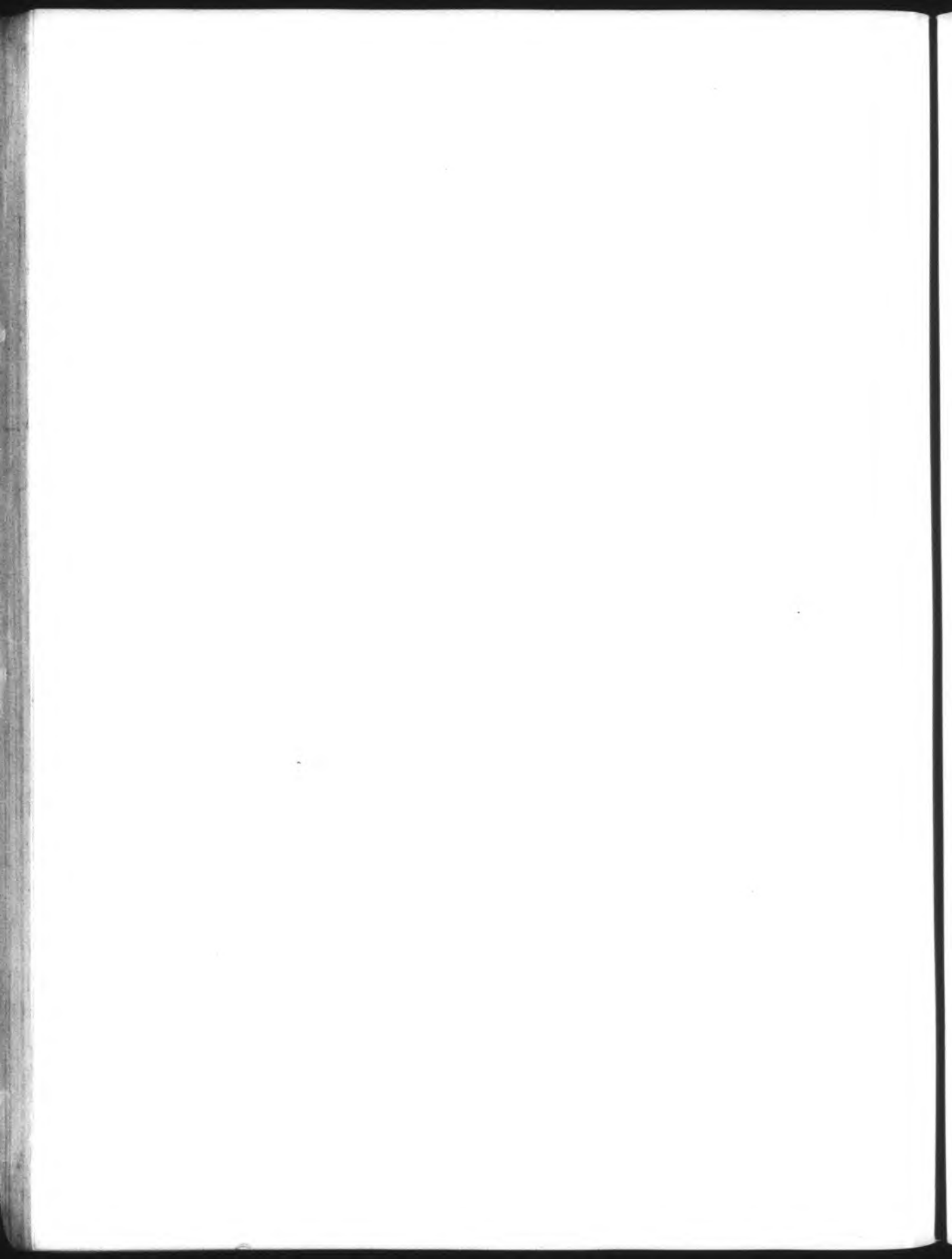
Road	Project	County	From	To	Length	Type	Right of Way	Road Bed	Surfacing	Structures	Guard Rail	Signs	Center Line Painting	Supervision and Engineering	Total Routine Maintenance
60	854	Walton	DeFuniak Springs	Glendale	9.81	S. C.	\$ 18.90	\$ 2,878.02	\$ 3,319.96	\$ 43.90	\$ 7.80	\$ 19.00	\$	\$ 250.80	\$ 6,538.47
00	855	Walton	Glendale	Alabama State Line	9.32	S. C.	17.76	701.70	1,347.07	36.58		20.25		178.22	2,301.58
64	890	Pinellas	Largo	Gandy Bridge	10.80	Asphalt Block	626.14	746.03	79.30			13.89		427.76	1,893.12
64	890	Pinellas	Largo	Gandy Bridge	1.40	Brick	70.00	85.00	10.00			2.00		82.54	249.54
67	804	Glades	Highlands County Line	Main's Corner	18.69	R. B. S. T.	221.99	4,155.16	908.67	46.11	48.28	51.51	13.00	572.20	6,010.92
67	818	Glades	Main's Corner	Clewiston	18.53	Marl	405.02	686.74	6,337.80	238.99		56.19	18.00	561.10	8,393.84
67	818-B	Glades	Caloosahatchee Canal			Steel—Wood				704.26				704.26	
67	910	Highlands	Lake Annie	Glades County Line	15.30	R. B. S. T.	192.34	299.91	396.21	87.04		17.83		188.83	1,182.16
68	911	Bradford	Hampton	Brooker-Starke Road	3.30	R. B. S. T.		390.55						7.26	397.81
85	912	Okeechobee	Okeechobee	Martin County Line	6.33	R. B. S. T.	62.81	739.06	387.07	319.53	33.60	19.71	6.75	318.23	1,886.76
85	913	Martin	Okeechobee County Line	Indian Town	4.18	Graded									
					11.10	Graded				621.39		12.93			634.32
96	820	Jefferson	Monticello	Waukeenh	9.45	Graded		62.03	4.85	1.02		11.01		17.38	96.29
96	821	Jefferson	Waukeenh		5.18	Graded	17.20	2,210.21	678.32	275.06		6.04		57.49	3,244.32
123	786	Jackson	Graceville	Campbellton	6.76	S. C. S. T.	175.61	853.48	1,026.12			26.53		112.80	2,194.63
140	914	Flagler	St. Johns County Line	Volusia County Line	16.80	R. B. S. T.	515.31	111.54	98.92		20.50	21.58		191.49	959.34
140	915	Palm Beach	Delray	Palm Beach	13.27	R. B. S. T.						66.25	3.05	55.53	124.83
142	953	Glades	Main's Corner	LaBelle	21.00	Marl	104.60	171.06	529.72	380.08		45.50		159.08	1,390.04
143	870	Palm Beach	Belle Glade	Pahokee	10.76	R. B. S. T.	16.75	15.13	1,069.88	55.70		17.17		141.32	1,915.95
149	916	Broward	Deerfield	Dade County Line	29.82	R. B. S. T.	965.85	434.06	229.46	428.14	27.18	80.72		740.87	2,906.28
149	917	Dade	Broward County Line	Miami	5.85	R. B. S. T.	192.46	18.35			13.00	14.97		98.06	336.84
164	950	Collier	Carnes Town	Everglades	3.50	Local Rock	16.30	74.25	10.70	2.83		4.08		12.96	121.12
			Martin Building Grounds			Graded		1,123.40	34.45						1,157.85
			GRAND TOTAL		3,902.98		\$125,374.21	\$369,681.42	\$203,629.09	\$105,284.60	\$27,119.32	\$12,620.89	\$6,100.74	\$80,061.40	\$929,871.67



Federal Aid, Road 17, Macasphalt On Rock Base



Road 5, Bituminous Concrete





**STATE ROAD DEPARTMENT OF FLORIDA**  
**Storm and Betterment Work, 1930**

Road	Project	County	From	To	Length	Type	Storm Damage	Betterment
1	9	Holmes	Ponce de Leon	Argyle	8.70	S. C. S. T.	\$	\$ 3,856.97
1	11	Baker-Nassau-Duval	Baldwin	Station 948 West	15.39	Concrete		2,228.60
1	20	Holmes-Washington	Choctawhatchee River Bridge		2.18	R. B. S. T.	48,742.28	
1	23	Duval	End Jacksonville Brick	Baldwin	12.80	Concrete		1,566.97
1	304	Columbia	Lake City	Suwannee County Line	9.15	R. B. S. T.		986.90
1	333	Suwannee	Columbia County Line	Live Oak	13.47	R. B. S. T.	393.40	
1	621	Okaloosa	Walton County Line	Milligan	17.35	S. C. S. T.		8,133.72
1	638	Santa Rosa	Blackwater River Bridge	Begin. of Pavement	9.00	S. C. S. T.	2,793.46	
1	697	Escambia	Perdido River Bridge		30	Concrete		6,061.68
2	2	Osceola	Kissimmee	Station 218	4.13	Brick—R. S. S. T.		5,128.20
2	563	Osceola	Project 2	Polk County Line	5.00	Brick—R. S. S. T.		789.04
3	522	Nassau	Project 46	Duval County Line	3.00	R. B. S. T.		720.04
4	40-E	Brevard	Titusville	Volusia County Line	13.60	R. B. S. T.		4,788.61
4-A	896	Monroe	Card Sound	Lower Matecumbe	41.41	R. B. S. T.	7,799.78	
4-A	898	Monroe	No Name Key	Key West	34.77	R. B. S. T.	29,903.94	
4-A	900	Dade	Homestead	Card Sound	18.11	R. B. S. T.	28,217.89	
4-A	909	Dade	Miami	Homestead	18.19	R. B. S. T.		13,814.28
5	519	Manatee	Palmetto	Project 17	7.94	R. B. S. T.		36,995.61
5	564-C	Charlotte	Punta Gorda	Acline	3.94	R. B. S. T.		2,775.43
5	679	Hernando	Station 418—926 South	Brooksville	7.11	R. B. S. T.		2,752.60
6	501	Calhoun	Blountstown	Scotts Ferry	12.00	S. C. S. T.		4,247.00
6	501-C	Calhoun	Blountstown	Scotts Ferry	15.00	S. C. S. T.		80,921.26
6	501-D	Calhoun-Gulf	Scotts Ferry	Wewahatchka	5.00	S. C. S. T.		38,337.75
7	881	Escambia	Project 51	Alabama State Line	17.80	Concrete	2,186.48	
8	562-A	Highlands	Station 422	Line 35-35	5.37	R. B. S. T.		9,288.69
8	562-C	Highlands	Avon Park	Sebring	9.30	R. B. S. T.		485.60
10	685	Franklin	Carrabelle	East Point	18.46	R. B. S. T.	32,216.29	
10	740	Gulf	Port St. Joe	Bay County Line	9.62	R. B. S. T.	5,815.24	
10	743	Bay	Gulf County Line	East Bay Bridge	18.25	R. B. S. T.	1,650.02	
13	572	Bradford	Starke	Lawley	7.50	R. B. S. T.		6.48
13	594	Bradford	Starke	Hampton	9.10	R. B. S. T.		7,346.49
15	730	Pinellas	Clearwater	Tarpon Springs	8.00	Asphalt Block		520.21
19	577	Taylor	Salem	Steinhatchee River	9.73	R. B. S. T.		9,563.07
19	698	Leon	Tallahassee	Jefferson County Line	12.45	Concrete	780.61	
19	723	Leon	Tallahassee	Range 23 West	11.76	S. C. S. T.	215.77	
22	770	Brevard	Indian River City	Orange County Line	8.54	R. B. S. T.		53,824.32
24	62-C	Osceola	St. Cloud	Holopaw	12.09	R. B. S. T.		6,260.41
27	669-C	Dade	Project 669-B—Station 825	Station 1465	12.21	R. B. S. T.	33,147.92	
30	892	Indian River	Canal	Osceola County Line	21.80	Graded		19,271.00
30	951	Indian River	Vero Beach	Dyke	7.50	R. B. S. T.		52,786.06
33	649	Okaloosa	Crestview	10 miles North	10.43	S. C. S. T.		30,618.65
33	652	Okaloosa	Project 649	Walton County Line	9.04	S. C.		22,890.01
33	733	Walton	Project 652	Alabama State Line	4.23	S. C. S. T.		9,524.06
37	838	Santa Rosa	Project 837	Alabama State Line	10.50	Graded		246.55
40	734	Walton	DeFuniak Springs	North	7.89	S. C.		4,108.06
40	735	Walton	Project 734	Alabama State Line	13.71	S. C. S. T.		34,915.39
40	751	Walton	DeFuniak Springs	South	7.28	S. C. S. T.		3,748.36
40	752	Walton	Freeport	North	8.72	S. C.		3,892.61
41	823	Okaloosa	Milligan via Baker	Hilton's Switch	5.18	Graded		8,167.81
					4.00	S. C.		
43	722	Jefferson	Lloyd	Wacissa	8.83	Graded	41.90	
48	923	Clay	St. Johns River	Project 924	13.85	R. B. S. T.		2,756.54
48	924	Clay	Bradford County Line	Pt. 10 miles East	10.00	R. B. S. T.		1,414.68
48	925	Bradford	Starke	Clay County Line	2.90	R. B. S. T.		507.11
54	815	Okaloosa	Shoal River	Valparaiso	13.58	S. C.		3,243.13
54	819	Walton	Crestview South	Shoal River	4.69	S. C.		18,158.20
54	819-B	Walton	Shoal River Bridge					3,351.16
60	854	Walton	DeFuniak Springs	Glendale	9.81	S. C.		935.38
60	855	Walton	Glendale	Alabama State Line	9.32	S. C.		665.72
67	910	Highlands	Lake Annie	Glades County Line	15.30	R. B. S. T.		4,284.96
68	911	Bradford	Hampton	Brooker-Starke Road	3.30	R. B. S. T.		44,073.68
85	912	Okeechobee	Okeechobee	Martin County Line	6.33	R. B. S. T.		6,511.04
85	913	Martin	Okeechobee County Line	Indian Town	4.18	Graded		
					11.10	Graded		892.50
140	915	Palm Beach	Delray	Palm Beach	13.27	R. B. S. T.	32,322.28	
TOTAL							\$226,227.26	\$578,362.59

STATE ROAD DEPARTMENT OF FLORIDA  
Maintenance Cost Per Mile by Type—1929 and 1930

Type	Miles 1929	Miles 1930	Cost per mile per month 1929	Cost per mile per month 1930
<b>FIRST DIVISION</b>				
Concrete .....	190.57	188.09	\$23.28	\$21.42
Rock Base Surface Treated .....	153.41	155.50	20.32	18.32
Sand Clay Surface Treated .....	269.35	329.36	31.01	26.12
Sand Clay .....	94.34	65.09	21.18	31.17
Graded .....	177.66	172.32	36.67	25.81
Brick and Concrete Surface Treated .....	6.02	6.02	9.88	3.41
Shell Surface Treated .....	4.67	.....	1.93	.....
Top Soil Surface Treated .....	20.00	20.00	30.75	19.26
Total Miles .....	916.02	936.38		
<b>SECOND DIVISION</b>				
Concrete .....	142.91	143.53	17.25	17.45
Rock Base Surface Treated .....	273.64	418.90	25.53	17.78
Graded .....	162.11	105.67	24.07	15.48
Bituminous Macadam .....	24.19	24.19	20.58	18.32
Sheet Asphalt .....	18.89	18.89	27.52	18.28
Brick .....	17.80	20.94	28.80	22.36
Total Miles .....	639.54	732.12		
<b>THIRD DIVISION</b>				
Concrete .....	68.98	81.80	20.05	16.72
Rock Base Surface Treated .....	402.22	563.68	24.22	17.88
Bituminous Macadam .....	18.41	18.41	18.86	28.52
Sheet Asphalt .....	32.60	32.60	20.51	19.09
Graded .....	50.49	50.49	8.06	12.54
Shell .....	.....	18.20	.....	38.02
Local Rock .....	16.50	16.50	33.33	7.84
Rock Asphalt .....	.....	1.75	.....	26.82
Marl .....	.....	21.00	.....	33.10
Total Miles .....	589.20	804.43		
<b>FOURTH DIVISION</b>				
Rock Base Surface Treated .....	532.42	595.37	20.14	15.42
Bituminous Macadam .....	51.33	51.33	19.71	16.74
Sheet Asphalt .....	48.84	48.84	22.87	22.76
Bituminous Concrete .....	19.49	19.49	22.25	16.70
Brick .....	28.50	28.50	31.93	21.12
Graded .....	36.65	66.59	20.75	6.48
Total Miles .....	717.23	810.12		

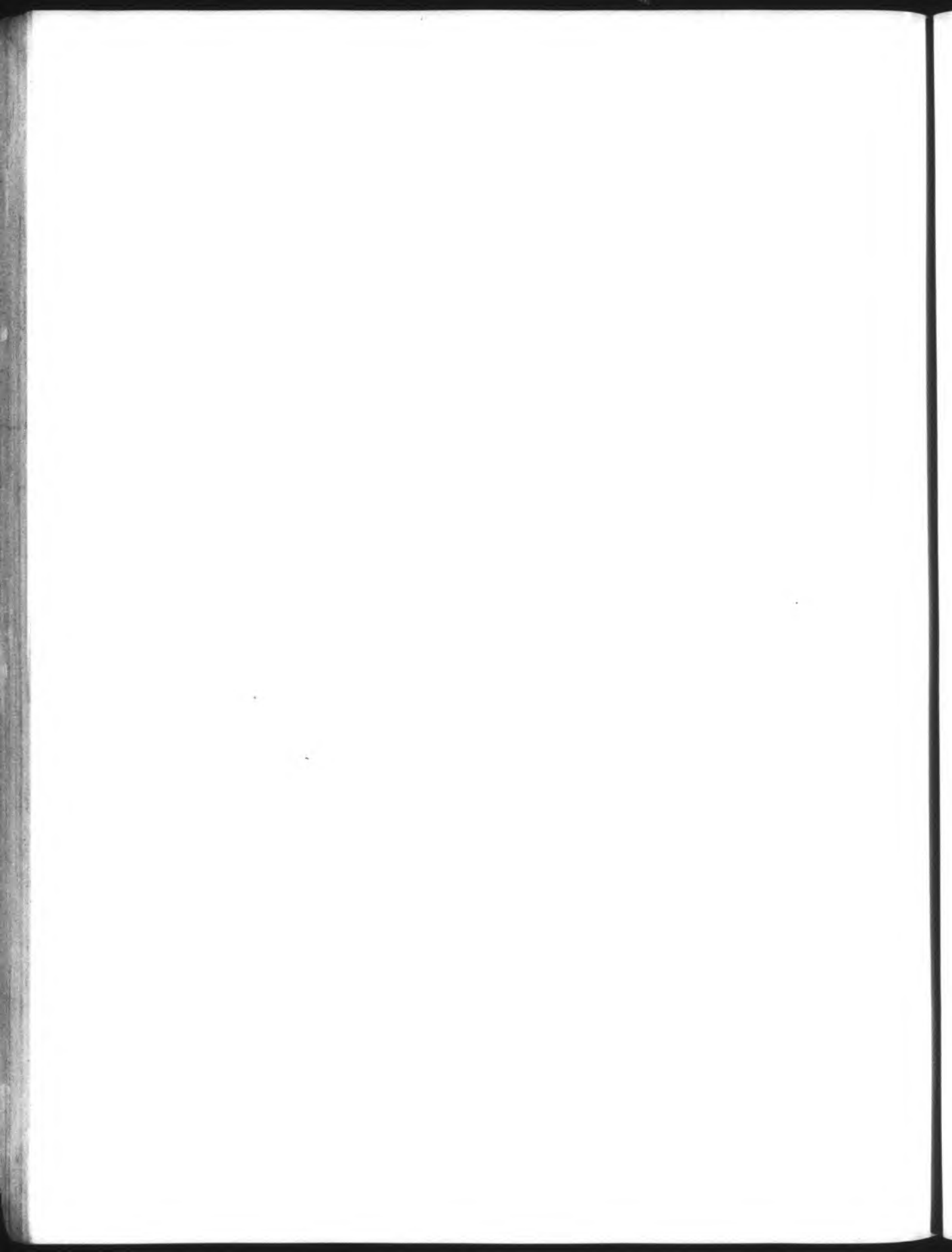




Federal Aid, Road 17, Plain Cement Concrete



Road 10, Plain Cement Concrete



STATE ROAD DEPARTMENT OF FLORIDA  
Maintenance Cost Per Mile by Type—1929 and 1930

Type	Miles 1929	Miles 1930	Cost per mile per month 1929	Cost per mile per month 1930
FIFTH DIVISION				
Concrete .....	.....	19.20	.....	39.46
Rock Base Surface Treated .....	158.65	205.84	29.54	17.76
Brick—Rock Shoulders Surface Treated .....	19.99	38.44	23.37	27.04
Sheet Asphalt—Rock Shoulders Surface Treated ..	28.50	28.50	29.28	12.72
Sheet Asphalt .....	20.96	20.96	35.58	23.87
Asphalt Block .....	45.80	45.80	22.48	22.35
Brick .....	23.23	28.30	39.42	14.55
Bituminous Macadam .....	12.13	12.13	27.81	17.20
Bituminous Concrete .....	18.27	18.27	24.58	23.62
Concrete—Rock Shoulders Surface Treated .....	.....	9.88	.....	14.20
Marl .....	27.28	27.28	42.16	36.68
Graded .....	23.92	62.44	13.89	2.69
Clay Surface Treated .....	4.52	4.52	47.56	42.00
9-inch Rock Base Surface Treated .....	.....	7.00	.....	23.63
Total Miles .....	383.25	528.56		
ALL DIVISIONS				
Concrete .....	402.46	432.62	20.60	20.19
Rock Base Surface Treated .....	1,520.34	1,939.29	23.19	17.10
Sand Clay Surface Treated .....	269.35	329.36	31.01	25.37
Brick .....	69.53	77.74	33.60	17.97
Bituminous Macadam .....	106.06	106.06	20.50	19.20
Sheet Asphalt .....	121.29	121.29	25.30	21.25
Graded .....	450.83	457.51	26.27	17.75
Sand Clay .....	94.34	65.09	21.18	31.17
Top Soil .....	20.00	20.00	30.75	19.26
Local Rock .....	16.50	16.50	3.31	7.94
Bituminous Concrete .....	37.76	37.76	23.25	20.04
Bartow Clay .....	4.52	4.52	47.55	42.00
Brick—Rock Shoulders Surface Treated .....	19.99	38.44	23.45	24.50
Sheet Asphalt—Rock Shoulders Surface Treated ..	28.50	28.50	29.28	12.72
Marl .....	27.28	48.28	42.16	23.13
Asphalt Block .....	45.80	45.80	22.48	22.35
Brick and Concrete—Shoulders Surface Treated ..	6.02	6.02	9.88	3.41
Shell Surface Treated .....	4.67	22.87	1.93	30.65
9-inch Rock Base Surface Treated .....	.....	7.00	.....	23.68
Concrete—Rock Shoulders Surface Treated .....	.....	9.88	.....	14.20
Rock Asphalt .....	.....	1.75	.....	18.50
Total Miles .....	3,245.24	3,816.28		

**STATE ROAD DEPARTMENT OF FLORIDA**  
**Disbursements By Counties, and Funds Used in Construction and Maintenance, October, 1915, to**  
**December 31, 1930**

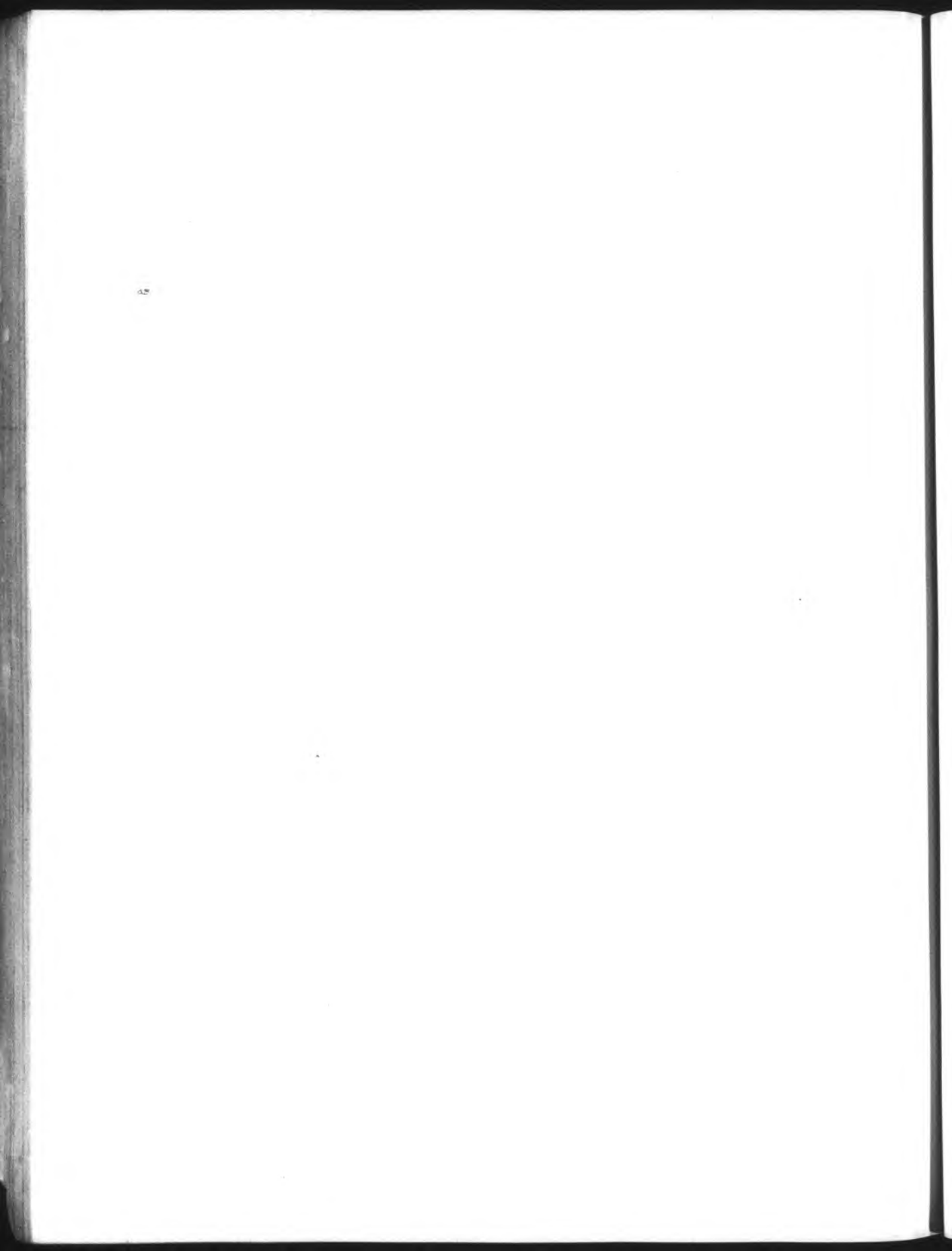
County	Federal Aid Construction	County Funds Construction	State Funds Construction	State Funds Maintenance	Total
Alachua	\$ 784,318.93	\$ 874,943.83	\$ 903,289.31	\$ 282,493.78	\$ 2,845,045.85
Baker	404,586.68	55,119.08	347,271.88	59,545.61	866,523.25
Bay		1,994,081.37	1,796,843.88	138,859.93	3,929,785.18
Bradford		125,000.00	528,024.20	121,417.28	774,441.48
Brevard	516,193.71	381,770.94	2,323,056.86	587,494.69	3,808,516.20
Broward	201,498.86		721,205.50	169,793.57	1,092,497.93
Calhoun			357,484.91	224,680.07	582,164.98
Charlotte	158,355.19	50,000.00	946,778.70	158,091.59	1,313,225.48
Citrus			578,423.21	48,875.26	627,298.47
Clay		100,000.00	1,290,096.26	174,187.21	1,564,283.47
Collier			2,302,450.92	323,697.00	2,626,147.92
Columbia	577,122.00	499,336.07	1,028,514.27	234,664.68	2,339,637.02
Dade	264,403.89	125,000.00	3,668,263.33	214,634.18	4,272,301.40
DeSoto	75,245.57	191,422.14	429,461.37	317,907.57	1,014,036.65
Dixie		22,610.00	639,732.48	18,913.91	681,256.39
Duval	259,842.95		792,063.26	217,863.75	1,269,769.96
Escambia	680,443.39	510,238.58	672,691.44	269,896.86	2,133,270.27
Flagler	216,883.12	34,474.89	416,197.20	250,762.77	918,317.98
Franklin		156,768.65	948,718.18	176,373.01	1,281,859.84
Gadsden	302,887.21	283,710.00	1,219,711.01	132,415.15	1,938,723.37
Gilchrist		115,000.00	268,356.46	1,215.22	384,571.68
Glades		4,000.00	495,078.50	112,932.62	612,011.12
Gulf			1,061,079.89	241,815.49	1,302,895.38
Hamilton	476,498.01	169,951.19	628,899.52	186,742.46	1,462,091.18
Hardee			462,314.50	283,986.86	746,301.36
Hernando		89,899.09	473,472.54	106,649.87	670,021.50
Hendry			269,883.75	14,528.65	284,412.40
Highlands			1,535,006.13	356,921.65	1,891,927.78
Hillsborough	316,817.12		1,580,475.74	100,599.65	1,997,892.51
Holmes	89,827.00	145,480.99	482,027.40	359,002.81	1,076,338.20
Indian River	333,910.62	105,000.00	655,656.78	135,133.22	1,229,700.62
Jackson	104,257.78	30,001.00	1,262,098.76	438,194.47	1,834,552.01
Jefferson	61,375.50	488,288.86	804,089.46	151,136.72	1,504,890.54
Lafayette		200,000.00	350,001.56	50,526.82	600,528.38
Lake	351,135.84	1,017,735.00	1,182,036.00	94,729.90	2,645,636.74
Lee			930,322.60	41,313.44	971,636.04
Leon	252,986.65	1,055,498.61	1,549,208.97	235,949.73	3,093,643.96
Levy		809,134.88	1,117,507.21	97,994.49	2,024,636.58
Liberty		6,500.00	28,610.01	47,568.89	82,678.90
Madison	127,639.02	351,859.37	1,427,256.62	232,565.65	2,149,321.16
Manatee	103,867.12		1,303,611.77	158,437.23	1,565,916.12
Marion	171,195.12	55,216.49	619,498.20	173,917.11	1,019,826.92
Martin			1,277,292.89	31,829.10	1,309,121.99
Monroe			7,822.09	114,859.22	122,681.31
Nassau	501,476.58		1,393,958.08	192,065.56	2,087,500.22
Okaloosa	43,325.47	403,542.62	787,415.85	397,806.99	1,632,090.93
Okeechobee		6,173.98	576,765.16	82,339.93	665,279.07
Orange	294,234.94		411,883.66	366,615.48	1,072,734.08
Osceola	344,356.35	290,783.38	593,102.80	191,764.26	1,420,006.79
Palm Beach	170,871.81	38,000.00	2,067,668.79	209,448.15	2,485,988.75
Pasco			540,712.87	118,739.61	659,452.48
Pinellas			417,927.55	136,658.31	554,585.86
Polk	55,491.63		1,105,956.61	543,843.84	1,705,292.08
Putnam	614,137.64	724,793.42	1,227,615.43	135,028.06	2,701,574.55
St. Johns	507,227.60		1,019,145.79	581,318.43	2,107,691.82
St. Lucie		276,000.00	961,749.75	61,974.59	1,299,724.34
Santa Rosa	385,531.81	209,546.27	724,494.04	224,716.65	1,544,288.77
Sarasota		100,000.00	1,646,116.58	64,514.92	1,810,631.50
Seminole		13,000.00	590,297.12	211,399.51	814,696.63
Sumter			6,069.76	43,235.80	49,305.56
Suwannee	30,353.08	715,000.00	861,713.12	215,372.97	1,822,439.17
Taylor		46,353.35	630,337.13	53,027.96	729,718.44
Union		171,000.00	97,104.79	36,894.67	304,999.46
Volusia		493,067.83	1,126,374.46	207,140.39	1,826,582.68
Wakulla		9,700.00	753,412.04	64,996.22	828,108.26
Walton		868,436.96	551,355.92	245,350.64	1,665,143.52
Washington	77,064.48	25,000.00	347,199.15	149,698.26	598,961.89
Total	\$ 9,855,362.67	\$14,448,439.34	\$60,120,261.97	\$12,425,070.34	\$96,849,134.32



Road 28, Southern Railroad Overpass Over Railroad



Federal Aid, Road 1, Plain Cement Concrete



STATE ROAD DEPARTMENT OF FLORIDA  
Status of Construction By Counties in Miles

County	Paved	Paving under Construction	Graded	Grading under Construction
Alachua	89.39	1.00	.....	.....
Baker	25.39	.....	.....	.....
Bay	36.97	24.93	9.31	21.17
Bradford	43.75	.....	.....	11.78
Brevard	82.28	1.07	.....	.....
Broward	6.30	13.24	.....	.....
Calhoun	41.20	.....	.....	.....
Charlotte	45.31	.....	.....	.....
Citrus	38.42	.....	.....	.....
Clay	30.84	.....	.....	.....
Collier	76.70	.....	.....	.....
Columbia	68.07	10.00	.....	.....
Dade	50.85	.....	.....	.....
DeSoto	34.01	.....	.....	.....
Dixie	22.59	.....	.....	.....
Duval	18.73	26.00	.....	.....
Escambia	39.35	.....	5.63	.....
Flagler	22.96	.....	.....	.....
Franklin	44.85	.....	.....	.....
Gadsden	34.70	.....	.....	.....
Gilchrist	7.81	12.97	8.00	.....
Glades	18.55	.....	.....	9.04
Gulf	51.28	.....	.....	.....
Hamilton	33.06	.....	.....	.....
Hardee	15.10	.....	.....	.....
Hendry	.....	34.69	.....	9.42
Hernando	16.62	.....	.....	10.14
Highlands	55.08	.....	.....	.....
Hillsboro	55.01	.....	.....	.....
Holmes	21.94	.....	18.06	10.37
Indian River	20.40	.....	.....	.....
Jackson	79.99	4.50	.....	1.86
Jefferson	28.04	17.68	30.97	9.45
Lafayette	17.57	13.20	.....	.....
Lake	64.83	12.98	.....	4.48
Lee	8.27	.....	.....	.....
Leon	86.53	0.50	.....	.....
Levy	69.94	12.58	10.16	19.38
Liberty	.....	.....	.....	8.00
Madison	53.45	.....	24.12	.....
Manatee	15.81	.....	.....	.....
Marion	84.05	.....	.....	.....
Martin	29.73	.....	.....	.....
Monroe	.....	.....	.....	.....
Nassau	36.63	.....	.....	15.30
Okaloosa	56.22	7.76	65.73	.....
Okeechobee	40.46	.....	6.62	.....
Orange	8.59	14.34	.....	.....
Osceola	17.96	25.18	.....	.....
Palm Beach	38.35	20.09	.....	.....
Pasco	20.08	.....	.....	.....
Pinellas	.....	.....	.....	.....
Polk	5.16	13.58	15.11	.....
Putnam	79.63	.....	14.91	.....
St. Johns	30.84	25.20	.....	.....
St. Lucie	28.65	.....	.....	.....
Seminole	15.50	.....	.....	.....
Santa Rosa	12.13	.....	.....	43.12
Sarasota	28.64	.....	11.92	.....
Sumter	.....	.....	.....	.....
Suwannee	65.41	.....	.....	.....
Taylor	.....	15.95	18.83	.....
Union	3.50	10.20	.....	.....
Volusia	62.29	.....	.....	.....
Wakulla	30.54	.....	.....	.....
Walton	21.35	.....	88.00	34.74
Washington	8.53	.....	.....	.....
Total	2,296.19	317.64	327.37	207.85



# STATE ROAD DEPARTMENT OF FLORIDA

## Mileage of State Systems and Status of Construction on the Preferential Systems as of January 1, 1931

	No. Miles Continuous	No. Miles of Construction
First Preferential System .....	2,588.29	2,406.26
Second Preferential System.....	883.24	874.24
Third Preferential System.....	596.00	596.00
Remainder of System .....	4,869.44	4,869.44
	<u>8,937.00</u>	<u>8,745.94</u>

### First Preferential System

Number of miles State Surfacing completed.....	1,736.14	72%
Number of miles State Surfacing under construction .....	123.55	5%
Number of miles State Graded ready for paving.....	78.86	3%
Number of miles Grading under construction.....	23.86	2%
Number of miles County Paving.....	384.85	15%
Number of miles on which no work done.....	59.00	3%
Total .....	<u>2,406.26</u>	<u>100%</u>

### Second Preferential System

Number of miles State Paving completed.....	297.90	34%
Number of miles State Paving under construction.....	121.05	13%
Number of miles State Graded ready for Paving .....	46.44	6%
Number of miles State Grading under construction.....	87.67	10%
Number of miles County Paving (completed).....	95.67	12%
Number of miles on which no work done.....	225.51	25%
Total .....	<u>874.24</u>	<u>100%</u>

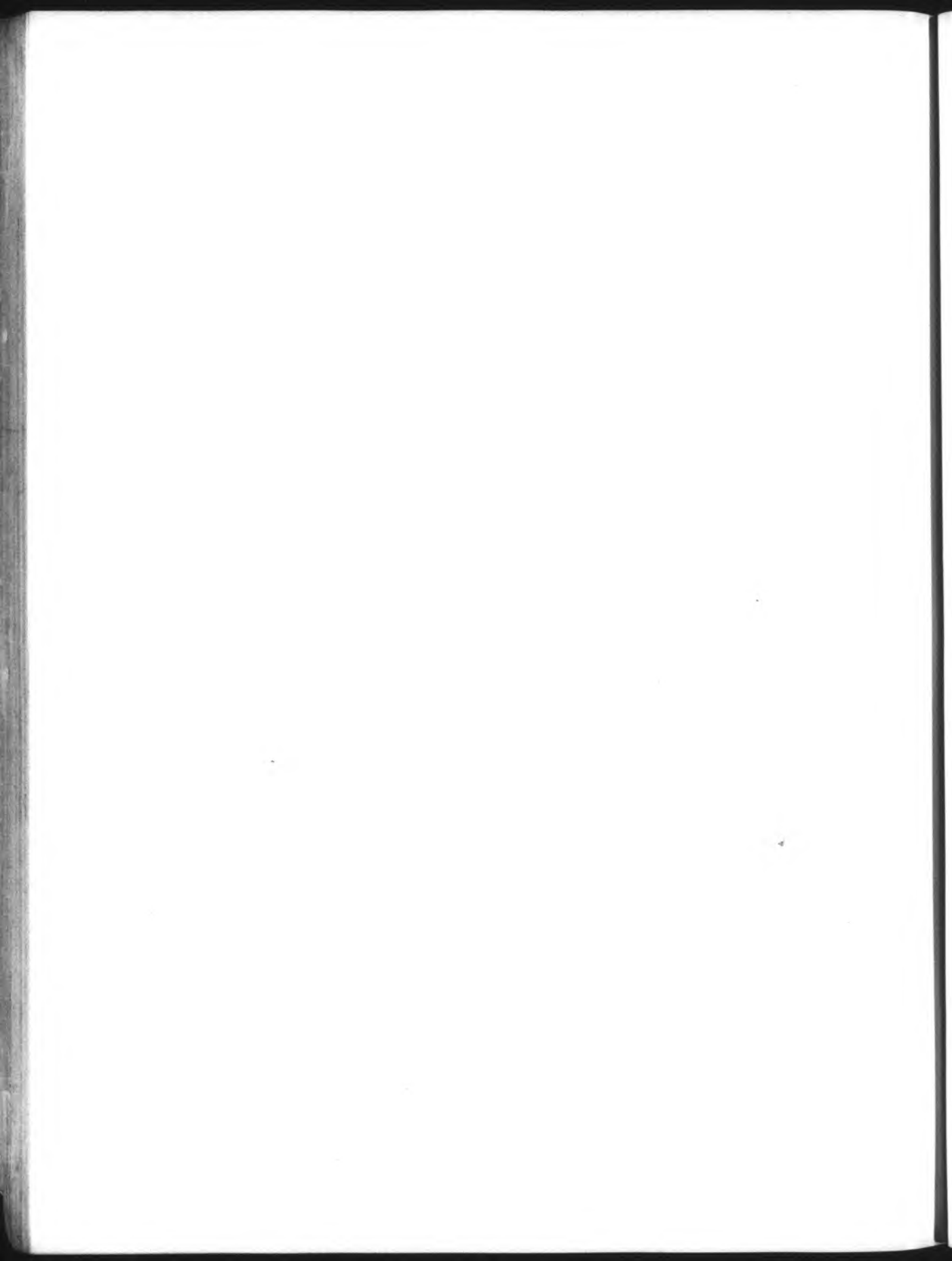




Federal Aid, Road 2, Bituminous Concrete, Under Construction



Road 40, Sand Clay Primed Ready for Surface Treatment



**STATE ROAD DEPARTMENT OF FLORIDA**  
**Unit Prices of Items Let to Contract—1929**

Project No.	Contractor	Clearing and Grubbing Acres	Reg. Excav. Cubic Yds.	Broken Stone Base No. 2 Sq. Yds.	Single Bit. Treatment Sq. Yds.	Surfacing - Square Yards				Concrete Cu. Yds. Class-A		Combination Curb-Gutter Lin. Ft.	Woven Wire Guard Rail Lin. Ft.	Rock Asphalt Sq. Yds.	Reinf. Steel Lbs.	Pipe for X - Roads					Pipe for Structure				Structural Timber		Treat. Lin. Ft.	Ex. Rock Tons
						Bit. Concrete	Sheet Asphalt	Plain Cement Concrete	Head Walls	Culverts	Pipe for X - Roads					Pipe for Structure				Structural Timber								
											Corr.					Met.	Vit.	Clay	Conc.	Cast Iron				Treat.	Untreated			
																				18"	24"	18"	24"			18"		24"
62-A	L. B. McLeod		0.45	1.00	0.24								0.50														2.50	
62-C	L. B. McLeod		0.45	1.12	0.24								0.60														3.00	
63-A	Morgan Hill	50.00	0.25	0.65	0.90			2.06	12.00				0.40	1.25	0.05	2.50											2.25	
706-A	T. B. Gillespie, Inc.		0.30	0.93	0.20								0.60														2.25	
870	S. J. Groves & Sons Co.	50.00	0.33	0.45	0.115				40.00				0.35							8.00								
64-A	H. E. Wolfe	125.00	0.40					1.87	40.00	25.00			0.40		0.05	2.50	3.00	3.00	3.50	3.00	3.50		9.00				2.00	
64-C	H. E. Wolfe		0.40					1.80					0.40														2.00	
863	L. M. Gray	75.00	0.35	1.00	0.25				25.00				0.50							4.00	6.00	8.00					2.25	
728	R. G. Lassiter	75.00	0.40					1.68			0.75		0.45														2.00	
644-C	L. B. McLeod	100.00	0.35	1.00	0.22								0.60														2.60	
669-Y	Wm. P. McDonald		0.30	1.02	0.23																						2.75	
695	Manly Const. Co.		0.30	0.85	0.20								0.50														2.00	
742	L. B. McLeod		0.40	0.60	0.21								0.50														1.50	
866	Cone Bros. Const. Co.		0.35	0.98																							2.75	
615	L. B. McLeod			0.97	0.24						0.80																2.50	
749-750	L. B. McLeod		0.40	0.68	0.22								0.50														2.00	
717-706-A	H. E. Wolfe		0.40	0.88	0.20								0.45														2.00	
587	Duval Engr. & Contr. Co.		0.60	0.65	0.19								0.45														1.50	
715	L. M. Gray		0.35	0.80	0.22								0.50														2.00	
716	Duval Engr. & Contr. Co.		0.30	0.83	0.20						0.70		0.45														1.25	
718	Duval Engr. & Contr. Co.		0.60	0.72	0.195						0		0.45														1.75	
518	Broadbent Const. Co.		0.40	0.775	0.22	1.20	1.15				0.75		0.45														2.25	
821	H. D. Spangler & Co.	75.00	0.305						20.25						1.50		2.75		2.50		3.25	4.62	7.20	10.53			0.90	
820	H. D. Spangler & Co.	80.00	0.30						21.50						1.50		2.50		2.50		3.80	6.00	8.25		100.00	43.00	0.95	
806-C	R. B. Stewart	10.00	0.26						24.00						2.50		2.50		2.75		8.00		10.00	100.00	100.00	0.90		
806-D	R. C. Hoffman Const. Co.	25.00	0.29						25.00														11.50	100.00	100.00	0.90		
854	C. C. Moore Const. Co.	25.00	0.29						20.00	20.00				0.05													1.00	
855	G. W. Byrd	70.00	0.31						23.00					1.50		1.75		1.75		4.00	6.00	7.00	10.50	110.00	100.00	1.00		
854	C. W. Byrd	50.00	0.30						21.00					1.50						3.00	4.50	7.00	9.50	95.00	95.00	0.90		
669-Y	Kerr & Lawrence	70.00	0.295						27.00					2.25		2.25		2.25		4.00	6.00	8.50	12.00	105.00	80.00	1.05		
6	Duval Engr. & Contr. Co.		0.35	0.94	0.23								0.45	1.25													2.00	

# STATE ROAD DEPARTMENT OF FLORIDA

## Unit Prices of Items Let to Contract—1930

Project No.	Contractor	Clearing and Grubbing Acres	Reg. Excav. Cubic Yds.	Broken Stone Base No. 2 Sq. Yds.	Single Bit. Treatment Sq. Yds.	Surfacing Sq. Yds.		Concrete Class A-Cu. Yds.		Combination Curb Gutter Lin. Ft.	Woven Wire Guard Rail Lin. Ft.	Man Hole	Reinf. Steel Lbs.	Pipe for X — Roads					Pipe for Structure			Structural Timber		Treat. Lin. Ft.	Ex. Rock Tons		
						Bit. Concrete	Plain Cement Concrete	Head Walls	Culverts					Pipe for X — Roads					Pipe for Structure			Treat. MFBM	Untreated MFBM				
														Corr. 18"	Met. 24"	Vit. 18"	Clay 24"	Conc.		18"	24"					30"	
																		18"	24"								
806-C-D	L. B. McLeod			1.02																							
73-D	John J. Quinn Co., Inc.	50.00	0.30	0.99	0.35		1.75		20.00	0.70	0.45	50.00	0.05	3.00		3.00		2.00		4.00		7.00	100.00	75.00	0.90	3.00	
727	L. M. Gray																										3.00
53-D	C. C. Moore Const. Co.	100.00	0.32						15.00	22.00		50.00	0.05	1.40		1.50	2.50			3.30	5.00						
535	Wm. P. McDonald			1.16																							3.50
695	Manly Const. Co.	75.00	0.30						21.00						2.25		2.25		2.25		4.00						
741	L. M. Gray			1.02																							
677-B	Langston Const. Co.			0.94																							2.50
608-B-2	J. D. F. Boggs	30.00	0.40	1.24	0.29						0.59				2.40								100.00	100.00	1.00	3.09	
876-C	R. G. Lassiter			1.32																							3.40
720	Duval Engr. & Contr. Co.		0.46	1.19	0.23						0.48																2.95
869	Reid W. Bryan & Co.	30.00	0.14																				120.00	100.00	1.30		
708	Duval Engr. & Contr. Co.		0.30	0.99	0.195						0.48					5.00		3.00									2.00
62-D	L. B. McLeod		0.50	1.46	0.17				25.00		0.50		0.05														3.25
62-A-2	L. B. McLeod		0.50	1.05	0.17						0.50																2.50
806-A	E. F. Powers Const. Co.		0.30	1.02	0.21				27.00	25.00		0.43	0.06	2.00	3.50	2.00	3.50	2.00	3.50	3.50	5.75						
57	R. C. Huffman Const. Co.	40.00	0.30																								
698	H. E. Wolfe		0.32				1.75	30.00		0.68		50.00	0.05			2.00	3.00	2.00	3.00	4.00	7.00					2.00	
74	Manly Const. Co.	50.00	0.30	1.30		0.91		23.00		0.72	0.45	35.00			2.25	1.48	2.30		2.75	3.60	6.00					2.00	
73-A-1	Wm. P. McDonald	75.00	0.40	1.00						0.75																	2.20
63-C	R. G. Lassiter & Co.	85.00	0.30				2.12		29.00		0.45		0.05	2.00													2.00
62-A	L. B. McLeod		0.40	1.05	0.20		2.50	29.00		0.73		65.00				1.30	2.40	2.00		3.75	6.00					2.20	

## AUDITING DEPARTMENT

The tables immediately following are taken from the records of the Auditing Department. These give resources and disbursements which are checked once each year by the State Auditors. These funds are also balanced at the end of each month with records of the Comptroller.

The Statistical sheet showing resources from the several funds, 1915 to 1930, cover only such funds as were allotted to the State Road Department and does not represent the aggregate collections under these funds.

All accounts audited in this Department are listed on vouchers which are approved by Chairman and Secretary, then passed to the Comptroller and paid by warrants signed by the Comptroller and countersigned by the Governor.

STATE ROAD DEPARTMENT OF FLORIDA  
Disbursements to December 31, 1929

	Month of December		Total Twelve Months		Net to Date	
	Debits	Credits	Debits	Credits	Debits	Credits
<b>Administrative</b>						
Salaries .....	\$ 1,150.00		\$ 14,577.43		\$ 114,452.40	
All Others .....	151.65		11,685.38		89,075.65	
Legal .....	562.56		5,294.44		39,200.61	
Traffic Expense .....	1,030.75		1,414.68		10,362.14	
<b>General Office</b>						
Salaries .....	2,233.19		28,377.96		184,157.84	
Stationery .....	882.43		8,534.15		66,290.20	
Furniture and Fixtures .....			473.30		11,310.56	
Rents .....					12,636.00	
Telephone and Telegraph .....	204.39		2,016.76		16,158.84	
<b>Engineering Expenses</b>						
Salaries .....	7,477.44		82,705.72		654,403.21	
All Others .....	3,154.81		34,891.26		325,513.10	
Testing Division .....	2,474.32		18,874.46		105,896.63	
Maint—Pool—Engineering .....	3,373.58	\$ 36,944.61	39,217.73	\$ 75,852.14	2,273.12	
<b>Maintaining Roads</b>						
Engineering .....	38,573.61		83,666.84		192,301.00	
Maintenance .....	121,551.75		1,604,184.65		10,439,052.10	
<b>Construction of Roads</b>						
Engineering .....	33,903.90		480,241.41		3,807,277.04	
Construction .....	481,896.40		8,540,109.95		72,743,818.81	
<b>Supply Accounts</b>						
Parts .....	11,703.85	4,653.40	86,380.49	74,306.53	183,635.63	
Convict Supplies General .....		7,302.17	31,510.25	35,787.56		\$ 12,720.29
Stationery Stock .....	300.78	351.59	4,240.87	4,259.57	4,203.16	
<b>Equipment Accounts</b>						
Equipment New .....			39,453.33			
Equipment Overhauled .....	6,329.73		52,645.76			
Equipment Live Stock .....	144.56	234,589.79	18,604.10	272,842.99	495,506.23	
Gainesville Shop .....					94,806.85	
Convict Camp Equipment .....					102,720.33	
<b>Suspense Accounts</b>						
Shop Operation .....	2,658.31	4,584.79	42,363.63	48,828.92	34,718.39	
Work in Process .....	2,345.81	4,854.91	33,509.99	38,393.88	1,596.23	
Parts Junk .....			2,539.35		5,871.53	
Depreciation Reserve .....	234,532.29	18,312.12	234,532.29	234,532.29		
Bills Receivable .....	70.89	1,212.99	3,534.68	4,055.83	2,835.60	
Convict Supplies Raiford .....	583.00		1,739.81	2,891.00		3,461.70
Pineola Quarry .....					5,048.31	
Yukon Shop .....					25,000.00	
Equipment Donated .....					37,019.62	
Road Signs .....	8.34		98.56		93.31	
Grounds and Building Upkeep .....					535.91	
Funds Diverted .....			265,000.00		415,000.00	
Maint—Pool—Maintenance .....	3,998.34	49,276.16	51,324.26	104,803.01	1,867.71	
Maint—Pool Maint—Camp Building .....	1,165.05		1,426.59		1,426.59	
<b>Contingent Fund Accounts</b>						
Capital City Bank .....	1,893.48		32,526.64		266,361.05	
Barnett National Bank .....			6,280.00	200.00	7,429.13	
<b>Net Disbursements</b> .....	\$602,272.68		\$10,967,163.00		\$90,483,742.89	
<b>Working Fund Balances</b>						
Treasurer .....		114,422.48	1,809,631.80	1,234,762.17	683,083.58	
<b>Gross Treasurer's Receipts</b> .....	\$487,850.20		\$11,542,002.63		\$91,166,826.47	

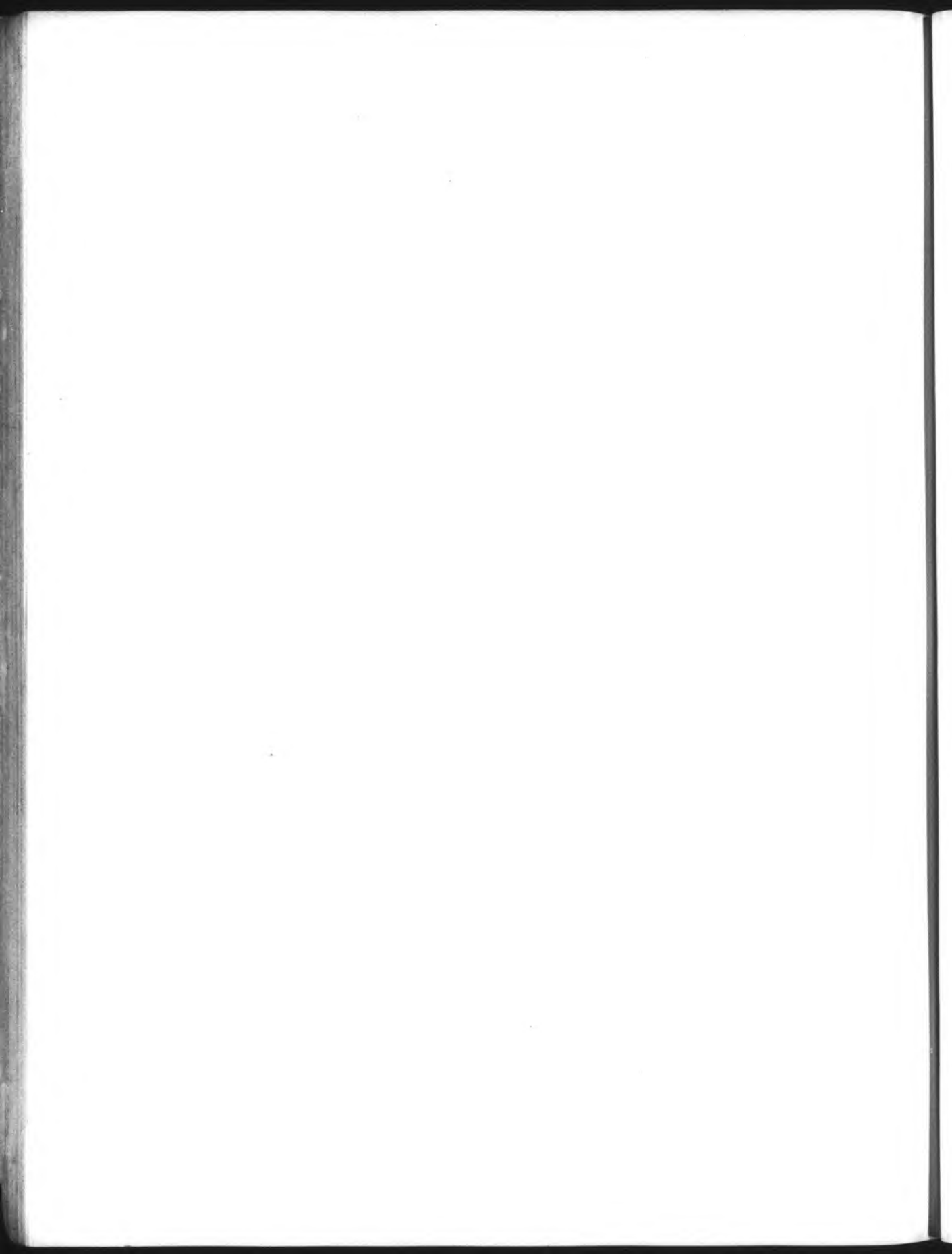


Road 25, Clearing and Grubbing



Federal Aid, Road 5, Bituminous Macadam





**STATE ROAD DEPARTMENT OF FLORIDA**  
**Disbursements to December 31, 1930**

	Month of December		Total Twelve Months		Net to Date	
	Debits	Credits	Debits	Credits	Debits	Credits
<b>Administrative</b>						
Salaries .....	\$ 1,287.50	\$ .....	\$ 15,793.95	\$ .....	\$ 130,246.35	\$ .....
All Others .....	686.31	.....	12,177.28	.....	101,252.93	.....
Legal .....	552.08	.....	10,843.94	.....	50,044.55	.....
Traffic Expenses .....	250.00	.....	3,286.01	.....	13,648.15	.....
<b>General Office</b>						
Salaries .....	2,789.16	.....	29,618.82	.....	213,776.66	.....
Stationery .....	2,654.06	.....	14,745.14	.....	81,035.34	.....
Furniture and Fixtures .....	.....	.....	4,157.17	.....	15,467.73	.....
Rents .....	.....	.....	.....	.....	12,636.00	.....
Telephone and Telegraph .....	318.45	.....	2,871.87	.....	19,030.71	.....
<b>Engineering Expenses</b>						
Salaries .....	8,533.80	.....	87,984.92	.....	742,388.13	.....
All Others .....	411.41	.....	43,972.54	.....	369,485.64	.....
Testing Division .....	1,162.35	.....	48,433.30	.....	154,329.98	.....
Maint—Pool—Engr. ....	.....	.....	5,913.25	8,186.37	.....	.....
<b>Maintaining Roads</b>						
Engineering .....	11,139.75	.....	106,354.53	.....	298,655.53	.....
Maintenance .....	238,365.18	.....	1,687,362.71	.....	12,126,414.81	.....
<b>Constructing Roads</b>						
Engineering .....	41,124.01	.....	572,605.15	.....	4,379,882.19	.....
Construction .....	561,380.07	.....	7,300,362.98	.....	80,044,181.79	.....
<b>Supply Accounts</b>						
Parts .....	1,080.52	1,951.28	61,102.15	56,208.01	188,529.77	.....
Convict Supplies General .....	18.43	3,197.72	35,330.20	31,706.88	.....	9,096.97
Stationery Stock .....	720.07	1,339.10	9,820.12	9,221.82	4,801.46	.....
<b>Equipment Accounts</b>						
Equipment New .....	8,655.49	.....	106,538.49	150.00	.....	.....
Equipment Overhauled .....	594.75	.....	17,537.59	.....	620,432.31	.....
Equipment Live Stock .....	.....	.....	1,000.00	.....	.....	.....
Gainesville Shop .....	.....	.....	.....	.....	94,806.85	.....
Convict Camp Equipment .....	.....	.....	.....	.....	102,720.33	.....
<b>Suspense Accounts</b>						
Shop Operation .....	2,419.72	2,689.18	47,488.17	37,062.77	45,143.79	.....
Work in Process .....	546.85	138.49	13,962.44	14,587.84	970.83	.....
Parts Junk .....	.....	.....	106.24	.....	5,977.77	.....
Depreciation Reserve .....	.....	17,910.73	590.00	220,204.22	.....	219,614.22
Bills Receivable .....	61.27	1.20	1,384.01	1,897.25	2,322.36	.....
Convict Supplies Raiford .....	517.00	448.00	2,522.90	3,989.00	.....	4,927.80
Pineola Quarry .....	.....	.....	.....	.....	5,048.31	.....
Yukon Shop .....	.....	.....	.....	.....	25,000.00	.....
Equipment Donated .....	.....	.....	.....	.....	37,019.62	.....
Road Signs .....	.....	.....	7,696.70	12.53	7,777.48	.....
Grounds and Building Upkeep .....	.....	.....	2,328.89	.....	2,864.80	.....
Funds Diverted .....	.....	.....	50,000.00	.....	465,000.00	.....
Maint—Pool—Maintenance .....	.....	.....	13,581.99	15,449.70	.....	.....
Maint—Pool—Maint. Camp Building .....	.....	525.00	15,228.39	4,144.56	12,510.42	.....
Maintenance Units—Not Distributed .....	110,195.46	241,394.38	1,381,464.84	1,454,500.77	.....	73,035.93
Center Line Marking .....	.....	.....	748.82	.....	748.82	.....
<b>Contingent Fund Accounts</b>						
Capital City Bank .....	103.54	.....	5,459.71	.....	271,820.76	.....
Barnett National Bank .....	.....	6,218.49	.....	6,418.49	1,080.64	.....
<b>Net Disbursements</b>	<b>\$719,753.66</b>	.....	<b>\$ 9,856,635.00</b>	.....	<b>\$100,340,377.89</b>	.....
<b>Working Fund Balances</b>						
Treasurer .....	.....	42,224.75	1,517,197.21	1,398,613.32	801,667.47	.....
<b>Gross Treasurer's Receipts</b>	<b>\$677,528.91</b>	.....	<b>\$ 9,975,218.89</b>	.....	<b>\$101,142,045.36</b>	.....

STATE ROAD DEPARTMENT OF FLORIDA  
Cash Statement—December 31, 1929

	Brought Forward From 1928	Receipts For Dec. 1929	Receipts For Twelve Months 1929	Working Fund Oct. 1915 to Dec. 31, 1929	Disbursements Oct. 1915 to Dec. 31, 1929	Balance to Dec. 31st 1929
Motor Vehicle License—5% Fund .....	\$ 6,487.06	\$ 667.53	\$ 230,848.16	\$ 1,842,165.32	\$ 1,833,311.43	\$ 8,853.89
Motor Vehicle License—85% Fund .....	3,575.54	.....	.....	1,529,511.14	1,527,999.25	1,511.89
State Federal Aid—70% Fund .....	10,337.45	9,345.39	3,231,873.75	21,241,067.93	21,214,900.69	26,167.24
State Road Fund From County Bonds .....	71,953.71	105,067.35	1,703,129.14	18,035,723.30	17,971,328.88	64,394.42
Federal Aid Road Fund .....	5,150.97	.....	.....	.....	.....	.....
Okaloosa County—Project 815 .....	.....	1,176.09	.....	.....	.....	.....
Gadsden County—Project 61 .....	.....	352.60	520,766.72	8,625,158.23	8,621,728.38	3,429.85
State Road License Fund—Gas—2c Tax .....	10,735.46	371,241.24	5,855,384.86	38,401,671.37	37,823,032.77	578,638.60
Maintenance Fund—Gas and Oil Inspection .....	.42	.....	.....	1,051,527.78	1,051,440.09	87.69
State Road Tax Fund for Maintenance of State Roads .....	3.34	.....	.....	440,001.40	440,001.40	.....
Total Balance—Comptroller .....	\$108,243.95	\$ 487,850.20	\$11,542,002.63	\$91,166,826.47	\$90,483,742.89	\$683,083.58

STATE ROAD DEPARTMENT OF FLORIDA  
Cash Statement—December 31, 1930

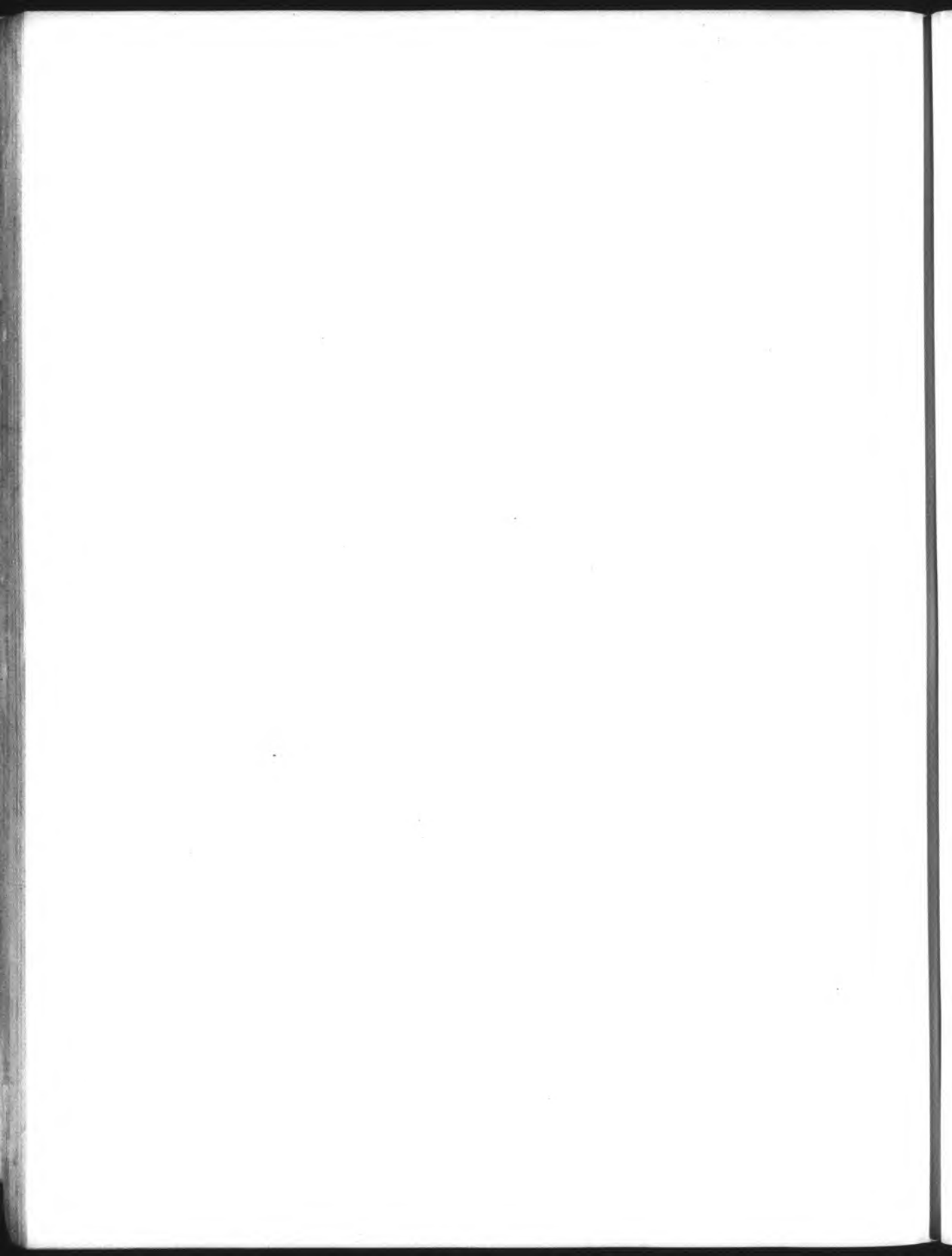
	Brought Forward From 1929	Receipts For Dec. 1930	Receipts For Twelve Months 1930	Working Fund Oct. 1915 to Dec. 31, 1930	Disbursements Oct. 1915 to Dec. 31, 1930	Balance to Dec. 31st 1930
Motor Vehicle License—5% Fund .....	\$ 8,853.89	\$ 1,732.16	\$ 225,098.46	\$ 2,067,263.78	\$ 2,051,752.50	\$ 15,511.28
Motor Vehicle License—85% Fund .....	1,511.89	.....	.....	1,529,511.14	1,529,511.14	.....
State Federal Aid—70% Fund .....	26,167.24	24,250.28	3,151,378.57	24,392,446.50	24,351,742.84	40,703.66
State Road Fund From County Bonds .....	64,430.42	140,498.54	840,838.24	18,876,561.54	18,701,103.51	175,458.03
Federal Aid Road Fund .....	3,429.85	.....	.....	.....	.....	.....
Osceola County—Project 62-A .....	.....	29,203.91	.....	.....	.....	.....
Palm Beach County—Project 63-A .....	.....	6,437.67	.....	.....	.....	.....
Broward County—Project 63-C .....	.....	37,238.36	.....	.....	.....	.....
Charlotte County—Project 70 .....	.....	47,997.48	.....	.....	.....	.....
Orange County—Project 74-A .....	.....	18,340.40	1,230,204.44	9,855,362.67	9,714,608.62	140,754.05
STATE ROAD LICENSE FUND—Gas 2c .....	578,638.60	371,830.11	4,527,699.18	42,929,370.55	42,500,130.10	429,240.45
Maintenance Fund—Gas and Oil Inspection .....	.....	.....	.....	1,051,527.78	1,051,527.78	.....
State Road Tax Fund for Maintenance of State Roads .....	51.69	.....	.....	440,001.40	440,001.40	.....
Total Balance—Comptroller .....	\$683,083.58	\$ 677,528.91	\$ 9,975,218.89	\$101,142,045.36	\$100,340,377.89	\$801,667.47



Federal Aid, Road 1, Plain Cement Concrete



Road 33, Sand Clay Gravel Surface Treated



STATE ROAD DEPARTMENT OF FLORIDA  
Financial Statistics—December 31, 1929

	Auto License Fund (5%)	Auto License Fund (70%)	Auto License Fund (85%)	From County Bonds	Federal Aid	Gasoline Tax 3c & 2c	State Road Fund Maintenance	Gas & Oil Inspection	Total	Balance Last Day of Month
<b>Receipts:</b>										
Bal. from Dec. 31, 1928..\$	6,487.06	\$ 10,337.45	\$ 3,575.54	\$ 71,953.71	\$ 5,150.97	\$ 10,735.46	\$ 3.34	\$ .42	\$ 108,243.95	
January, 1929.....	54,803.54	767,249.48		296,263.86	101,304.51	598,941.72			1,818,563.11	
February, 1929.....	110,592.59	1,548,296.22		39,740.03	5,187.96	611,467.43			2,315,284.23	
March, 1929.....	34,172.91	478,420.72		44,647.72	5,295.04	615,348.49			1,177,884.88	
April, 1929.....	10,041.86	140,585.99		31,530.81	138,060.78	667,568.42			987,787.86	
May, 1929.....	6,942.70	97,197.82		53,809.32	98,830.34	593,126.69			849,906.87	
June, 1929.....	3,909.84	54,737.70		74,115.03		552,136.15			684,898.72	
July, 1929.....	3,089.19	43,248.63		63,087.33		556,335.28			665,760.43	
August, 1929.....	2,315.10	32,411.37		369,813.40	20,006.15	309,564.35			734,110.37	
September, 1929.....	1,881.19	26,336.61		24,916.47	70,317.83	329,982.71			453,434.81	
October, 1929.....	1,253.46	17,548.40		296,356.32	3,019.94	310,221.30			628,399.42	
November, 1929.....	1,178.25	16,495.42		224,543.66	77,215.48	339,451.08			658,883.89	
December, 1929.....	667.53	9,345.39		105,067.35	1,528.69	371,241.24			487,850.20	
<b>Total Resources to Dec. 31..\$</b>	<b>237,335.22</b>	<b>\$ 3,242,211.20</b>	<b>\$ 3,575.54</b>	<b>\$ 1,695,845.01</b>	<b>\$ 525,917.69</b>	<b>\$ 5,866,120.32</b>	<b>\$ 3.34</b>	<b>\$ .42</b>	<b>\$11,571,008.74</b>	
<b>Disbursements:</b>										
January, 1929.....\$	11,167.62	\$ 408,426.03		\$ 125,026.21	\$ 105,501.61	\$ 567,875.28	\$ 3.34	\$ .42	\$ 1,218,000.51	\$ 708,806.55
February, 1929.....	12,025.09	1,306,716.12		39,739.72		218,621.60			1,577,102.53	1,446,988.25
March, 1929.....	10,478.82	426,525.01		51,600.46	6,038.00	544,132.73			1,038,775.02	1,586,098.11
April, 1929.....	11,203.93	175,515.54		102,187.22		483,356.26			772,262.95	1,801,623.02
May, 1929.....	9,566.48	284,016.98		114,902.98		643,250.38			1,051,736.82	1,599,793.07
June, 1929.....	12,238.01	438,441.82		62,858.46	73.68	293,296.74			806,761.35	1,477,929.44
July, 1929.....	110,495.40	56,253.59		63,145.95	9,016.35	898,567.96			1,137,479.25	1,006,211.62
August, 1929.....	10,028.73	40,052.87		112,619.91	236,514.65	523,383.51			922,599.67	817,722.32
September, 1929.....	9,551.75	36,038.57	829.25	184,497.06	16,670.16	342,287.01			589,873.80	681,283.33
October, 1929.....	9,493.40	26,453.17	724.43	188,317.32	70,424.21	328,870.72			624,283.25	685,399.50
November, 1929.....	9,561.06	17,922.70	2,063.65	\$ 1,631,414.59	3,072.86	292,237.18			546,777.33	797,506.06
December, 1929.....	12,671.04	318.44		363,045.74	75,323.68	151,602.35	51.69		602,272.68	683,083.58
<b>Total Disbts. to Dec. 31..\$</b>	<b>228,481.33</b>	<b>\$ 3,216,043.96</b>	<b>\$ 2,063.65</b>	<b>\$ 1,631,414.59</b>	<b>\$ 522,487.84</b>	<b>\$ 5,287,481.72</b>	<b>\$ 48.35</b>	<b>\$ .42</b>	<b>\$10,887,925.16</b>	
<b>Balance—Dec. 31, 1929....</b>	<b>8,853.89</b>	<b>26,167.24</b>	<b>1,511.89</b>	<b>64,430.42</b>	<b>3,429.85</b>	<b>578,638.60</b>	<b>51.69</b>		<b>683,083.58</b>	

The following table sets forth estimated resources:

1. Budget Resources (Estimated).....\$	3,200,000.00	\$ 1,459,672.83	\$ 1,000,000.00	\$ 6,500,000.00
2. Less—Receipts to Dec. 31.....	3,231,873.75	1,623,891.30	520,766.72	5,855,384.86
3. Anticipated balances due under budget..\$	<b>31,873.75</b>	<b>\$ 164,218.47</b>	<b>479,233.28</b>	<b>644,615.14</b>

Balances shown in **bold** indicate receipts in excess of estimated budget.

**STATE ROAD DEPARTMENT OF FLORIDA**  
**Financial Statistics—December 31, 1930**

	Auto License Fund (5%)	Auto License Fund (70%)	Auto License Fund (85%)	From County Funds	Federal Aid	Gasoline Tax 3c & 2c	State Road Fund Maint.	Gas & Oil Inspection	Total	Balance Last Day of Month
<b>Receipts:</b>										
Bal. from Dec. 31, 1929..	\$ 8,853.89	\$ 26,167.24	\$ 1,511.89	\$ 64,430.42	\$ 3,429.85	\$ 578,638.60	\$ 51.69		\$ 683,083.58	
January, 1930.....	55,502.98	777,041.81		112,820.00		410,378.04			1,355,742.83	
February, 1930.....	118,998.51	1,665,979.16		69,828.27		438,729.41			2,293,535.35	
March, 1930.....	21,038.17	294,534.40		44,806.53	192,417.83	437,950.02			990,746.95	
April, 1930.....	8,703.95	121,855.30		69,952.07	121,024.08	452,803.15			774,338.55	
May, 1930.....	5,375.95	75,263.27		6,844.95	2,881.07	393,667.54			484,032.78	
June, 1930.....	3,936.21	55,106.97		49,603.48	183,637.08	354,513.41			646,797.15	
July, 1930.....	3,149.44	44,092.05		17,455.28	4,728.04	332,335.43			401,760.24	
August, 1930.....	2,104.91	29,468.79		101,500.00	210,858.79	332,062.82			675,995.31	
September, 1930.....	1,877.68	26,287.55		67,972.00	96,148.76	327,779.41			520,065.40	
October, 1930.....	1,527.52	21,385.27		92,689.48	5,179.27	326,362.21			447,143.75	
November, 1930.....	1,150.98	16,113.72		66,867.64	274,111.70	349,287.62			707,531.67	
December, 1930.....	1,732.16	24,250.28		140,498.54	139,217.82	371,830.11			677,528.91	
Total Resources to Dec. 31.	\$233,952.35	\$8,177,545.81	\$ 1,511.89	\$905,268.66	\$1,233,634.29	\$5,106,337.78	\$ 51.69		\$10,658,302.47	
<b>Disbursements:</b>										
January, 1930.....	\$ 10,650.81	\$ 257,234.86	\$ 706.15	\$127,538.23	\$ 1,642.85	\$ 505,145.70			\$ 903,008.60	\$ 1,135,817.81
February, 1930.....	15,829.12	1,051,279.51	302.09	62,461.37		305,848.99			1,435,721.08	1,593,632.08
March, 1930.....	16,669.08	155,840.56	297.40	42,640.63		610,297.81	\$ 51.69		825,797.17	2,158,581.86
April, 1930.....	15,824.40	656,231.38		66,450.26					738,506.04	2,194,414.37
May, 1930.....	11,596.00	611,708.07		30,730.30					654,034.37	2,024,412.78
June, 1930.....	12,246.16			42,631.25		703,665.40			758,542.90	1,912,667.03
July, 1930.....	13,879.24					705,275.10			719,154.34	1,595,272.93
August, 1930.....	12,774.35		116.25		504,060.04	153,178.25			670,128.89	1,601,139.35
September, 1930.....	67,446.97					717,610.77			785,057.74	1,336,147.01
October, 1930.....	14,065.55	117,111.97		62,664.78	309,044.19	357,554.23			860,440.72	922,850.04
November, 1930.....	13,566.91	287,435.80		156,915.26		328,571.52			786,489.49	843,892.22
December, 1930.....	13,892.48			137,778.55	278,133.16	289,949.47			719,753.66	801,667.47
Total Disbts. to Dec. 31...	\$218,441.07	\$3,136,842.15	\$ 1,511.89	\$729,810.63	\$1,092,880.24	\$4,677,097.33	\$ 51.69		\$ 9,856,635.00	
Balances—Dec. 31, 1930...	15,511.28	40,703.66		175,458.03	140,754.05	429,240.45			801,667.47	
Budget Resources (Estimated).....	\$3,300,000.00			\$1,421,200.00	\$1,250,000.00	\$4,200,000.00		\$ 250,000.00	\$10,421,200.00	
Less—Receipts Jan. 1 to Dec. 31.....	3,151,378.57			840,838.24	1,230,204.44	4,527,699.18			9,750,120.43	
Balance Due on Budget.....	\$ 148,621.43			\$ 580,361.76	\$ 19,795.56	\$ 327,699.18 (Excess)		\$ 250,000.00	\$ 671,079.57	





Road 54, Sand Clay Surface



Road 10, Rock Base Slag Surface Treated

2

# STATE ROAD DEPARTMENT OF FLORIDA

## Statistical Sheet Showing Resources From the Several Tax Funds Since Inauguration of State Road Department— October, 1915, to December 31, 1930

	(1) 15% & 5% Gen. Admin.	(2) 85% Auto License	(3) 70% Auto License	(4) State Tax Advalorem	(5) Federal Government	(6) Gasoline Inspection	(7) Gasoline 1c, 2c and 3c	(8) Road Maint. Fund	(9) Co., Town and R.R. Donations	Total Receipts
Nov. and Dec., 1915.....	\$ 3,646.90	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$ 3,646.90
Year 1916.....	30,246.23	.....	.....	.....	.....	.....	.....	.....	.....	30,246.23
1917.....	21,439.42	.....	.....	.....	.....	.....	.....	.....	238.79	21,678.21
1918.....	42,164.42	236,300.00	.....	175,842.11	9,972.55	.....	.....	.....	11,111.22	475,390.30
1919.....	52,443.82	297,034.63	.....	290,532.41	11,759.19	.....	.....	.....	71,157.76	722,927.81
1920.....	73,725.00	425,775.00	.....	694,814.77	209,060.84	17,850.32	.....	.....	239,320.49	1,660,546.42
1921.....	101,133.40	570,401.51	.....	643,373.16	490,308.38	55,824.74	228,056.41	.....	111,708.76	2,200,806.36
1922.....	71,623.51	.....	1,002,729.20	396,206.19	842,965.84	80,803.14	601,336.71	.....	580,716.92	3,576,381.51
1923.....	92,968.50	.....	1,301,560.08	427,243.17	820,063.74	91,884.70	1,261,845.08	.....	515,988.35	4,511,553.62
1924.....	112,579.83	.....	1,576,118.04	424,392.88	1,071,287.04	126,325.66	2,448,855.49	70,001.40	879,219.83	6,708,780.17
1925.....	164,768.30	.....	2,306,727.50	505,109.94	1,080,574.24	169,308.01	4,355,634.61	80,000.00	1,689,856.43	10,351,979.03
1926.....	314,244.20	.....	4,399,418.71	524,426.09	1,007,484.16	210,842.46	8,636,358.93	200,000.00	614,137.61	15,906,912.16
1927.....	301,710.05	.....	4,221,924.26	132,566.97	1,688,401.62	298,688.75	8,243,691.18	90,000.00	4,426,113.03	19,403,095.86
1928.....	228,623.58	.....	3,200,716.39	4,649.30	872,513.91	.....	6,770,508.10	.....	3,053,105.82	14,130,117.10
1929.....	230,848.16	.....	3,231,873.75	122.38	520,766.72	.....	5,855,384.86	.....	1,623,768.92	11,462,764.79
1930.....	225,098.46	.....	3,151,378.57	283.16	1,230,204.44	.....	4,527,699.18	.....	840,555.08	9,975,218.89
Total .....	\$ 2,067,263.78	\$ 1,529,511.14	\$24,392,446.50	\$ 4,219,562.53	\$ 9,855,362.67	\$ 1,051,527.78	\$ 42,929,370.55	\$ 440,001.40	\$14,656,999.01	\$101,142,045.36
Disbursements—										
Nov., 1915-Dec., 1930....	2,051,752.50	1,529,511.14	24,351,742.84	4,219,562.53	9,714,608.62	1,051,527.78	42,500,130.10	440,001.40	14,481,540.98	100,340,377.89
Balances—Dec. 31, 1930....	\$ 15,511.28	.....	\$ 40,703.66	.....	\$ 140,754.05	.....	\$ 429,240.45	.....	\$ 175,458.03	\$ 801,667.47

- (1) November, 1915, to December 31, 1921, inclusive—15% of net receipts from sale of Auto License was allotted for salaries of Chairman and Members; also for maintaining General Office. Effective January 1, 1922, this was reduced to 5%.
- (2)&(3) Years 1918 to 1921, inclusive—85% of net receipts from sale of Auto License was allotted Counties, but turned over to this Department for disbursement. Proportion allowed each County was on percentage basis, using Tax Valuation as a basis. This manner of handling was changed in 1922—as follows: All receipts pooled. From pool, actual expense of getting out tags are deducted. The net is then divided—25% remitted to Counties direct; 5% allowed for General Office Maintenance, and 70% for construction of roads.
- (4) Advalorem Tax on real and personal property for road purposes. This tax was repealed Legislature Session 1927.
- (5) Amount received from Federal Government. This does not represent the amount allotted, but is amount actually paid in.
- (6) Effective 1921, an Inspection Tax of  $\frac{3}{4}$ c per gallon was imposed on gasoline sold within the State. No revenue from this source since year 1927.
- (7) Effective 1921, a Tax of 1c per gallon was imposed on gasoline; July, 1923, this was increased to 2c; July, 1925, increased to 3c and July, 1929, reduced to 2c.
- (8) Represents Proportion allowed as net receipts from sale of Auto Registration Certificates. No revenue from this source since year 1927.
- (9) Paid in by Counties, Railroads and Towns as contribution on roads constructed, or to be constructed.

Tables 1, 2, 3, 4, 6, 7 and 8 do not represent total collection from Taxes, as named, but is amount allowed this Department for maintaining Headquarters, Constructing and Maintaining Roads.



Road 11, Rock Base Primed Ready for Surface Treatment



Federal Aid, Road 2, Rock Base Slag Surface Treated



Road 3, Bituminous Macadam



Federal Aid, Road 2, Rock Base Slag Surface Treatment



Road 5, Rock Base Crushed Stone Surface Treated



Federal Aid, Road 10, Plain Cement Concrete



Road 5-A, Rock Base Slag Surface Treated



Road 19, Rock Base Crushed Stone Surface Treated





Federal Aid, Road 4, Plain Cement Concrete



Road 25, Rock Base Crushed Stone Surface Treated



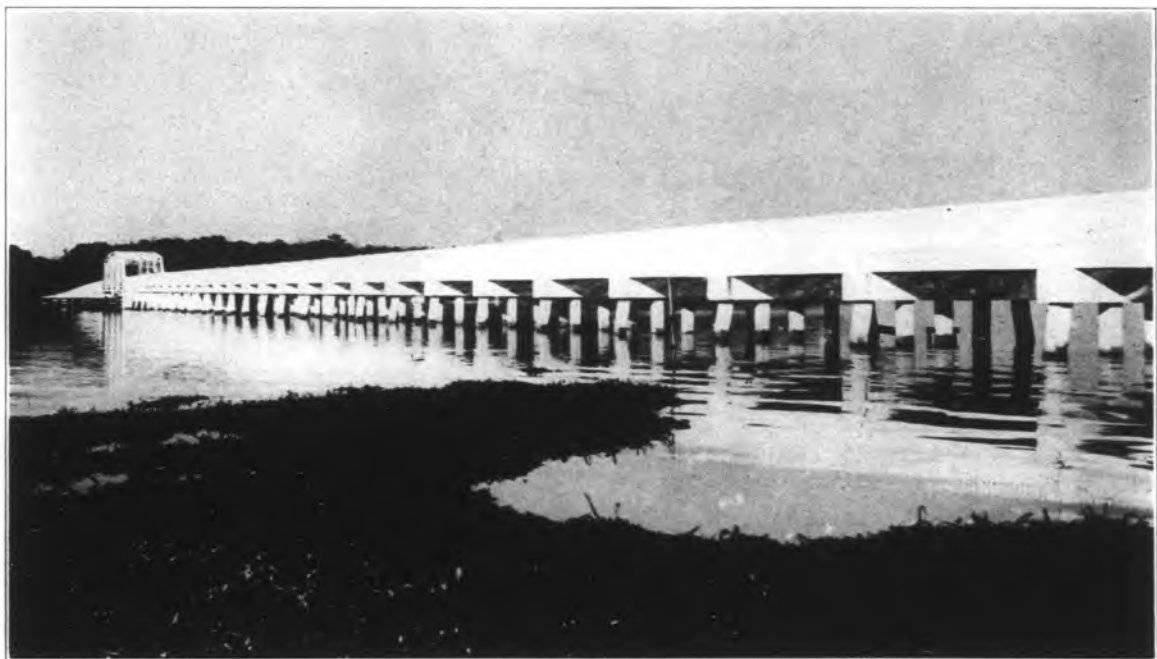
Federal Aid, Road 4, Plain Cement Concrete



Road 10, Rock Base Slag Surface Treated



Federal Aid, Road 2, Allapaha River Bridge



Road 3, Doctor's Lake Bridge



Federal Aid, Road 4, Hillsborough Canal Bridge

